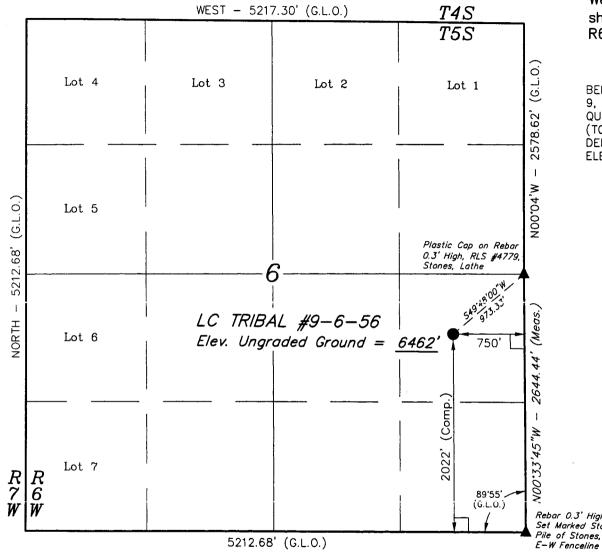
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	Г
(highlight changes)	

	APP	LICATIO	N FOR PE	ERMIT TO	DRILL			NERAL LEASE NO: 0-H62-5500 (EDA)	6. SURFACE: FEE
	DRK: DRILL	√ RE	ENTER	DEEPEN		***	7. IF	INDIAN, ALLOTTEE O	R TRIBE NAME:
1A. TYPE OF WO					L IGLE ZONE [⁻	MULTIPLE ZON		IT of CA AGREEMEN	NAME:
B. TYPE OF WE		<u>, П о</u>	HER		IGLE ZONE L	MOETIFEE ZON		NELL NAME and NUMB	/A
2. NAME OF O	PETROLEUM C	OMPANY		_			1	LC TRIBA	L 9-6-56
3. ADDRESS O	F OPERATOR:			LITALL OF	1000	PHONE NUMBER:	10. FI	ELD AND POOL, OR W	ILDCAT: Undlesisne
	OX 7735 CITY DF WELL (FOOTAGES)			UTAHZIP 84		(435)722-1325	11. Q	TR/QTR, SECTION, TO	WNSHIP, RANGE,
.= 0	E: 2022' FSL, 7			358894		13907	M	ERIDIAN: (NE/)	SE)
AT SURFAC	E: 2022 GL, 7	JU 1 LL	-71	10,594608	40.074094			SEC. 6, T	•
AT PROPOS	ED PRODUCING ZONE:	SAME	AS ABOVE		110.59453	LONG		U.S.B	.&M.
14. DISTANCE I	N MILES AND DIRECTION F	ROM NEAREST	TOWN OR POST O	FFICE:			12. C	DUNTY:	13. STATE:
19.9	MILES FROM DUC	CHESNE, U	TAH					UCHESNE	UTAH
15. DISTANCE	O NEAREST PROPERTY O	R LEASE LINE (FEET)	16. NUMBER OF	ACRES IN LEASE:		17. NUMBER	OF ACRES ASSIGNE	D TO THIS WELL:
750'					80.00		<u> </u>	40	
	TO NEAREST WELL (DRILLII OR) ON THIS LEASE (FEET)		ED, OR	19. PROPOSED D	EPTH:		20. BOND DI	ESCRIPTION:	
N/A	C (CUC) WHITTIES OF D	T OD 570 \		22 ADDDOVIMAT	487		22 ESTIMAT	RLB0005651 TED DURATION:	
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	6462' GR		DDODOS			ING PROGRAM		ET EK TO BI O	OOI I LAIT
24.					ND CEMEN		ANTITY MEL	AND CLUBBY MEIO	UT
SIZE OF HOLE	CASING SIZE, GRADE	55 STC		SETTING DE PTH	TYPE III + ADI		130 SX	D, AND SLURRY WEIG	14.3 PPG
12 1/4	8 5/8 J-5	3310	24#	300'	TITPE III + ADI	JIIVES	130 37	1.43 OF/3R	14.0110
7 7/8	5 1/2 J-5	55 LTC	15.5#	3000'	HI-FILL MODII	FIED+ADDITIVES	219 SX	3.43 CF/SK	11.0 PPG
				TD	65/35 POZ+6% G	EL+3% KCL+ADDITIVES	159 SX	1.91 CF/SK	13.0 PPG
				,				· . · . · . · . · . · . · . · . · . · .	
									
					NOTE: ACTUA	L VOLUMES PUMPE	WILL BE C	ALIPER HOLE VO	UME+25% EXCESS
25.			*	ATTA	CHMENTS				
	LOWING ARE ATTACHED I	IN ACCORDANG	E MATTIE LITALIA			DAL DINES			
VERIFT THE FOL	LOWING ARE ATTACHED I	IN ACCORDANC	E WITH THE CIAN	OIL AND GAS CONS	ı	VAL ROLES.			
WELL PLAT	OR MAP PREPARED BY LI	CENSED SURVE	EYOR OR ENGINEE!	₹	COMPLETE DRILLING PLAN (BPC SOP ON FILE WITH STATE)				
EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER				TER	FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER				
NAME (PLEASE	PRINT)	SHE	LLEY CROZII	ER	TITLE	REGULATO	RY AND F	PERMITTING SI	PECIALIST
		$\overline{}$	•						
SIGNATURE	<u> </u>	'LL CM	Mu		DATE		03	/30/07	
This space for State (use only)	U	-		Annros	ed by the)-13/ED
						ivision of		REC	EIVED
API NUMBER AS	signed: <u>43</u>	3-013-	33606			and Mining		ADD	0 2 2007
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(11/2001)				(See Instructions	Da Ravarsa Girl	-16-0201	\setminus	DIV OF OI	L, GAS & MINING
· · · · · · · · · · · · · · · · · · ·				(COO III OSU	The same)~k& ~m //	1	D14. 01 0.	•

Federal Approval of this Action is Necessary

T5S, R6W, U.S.B.&M.

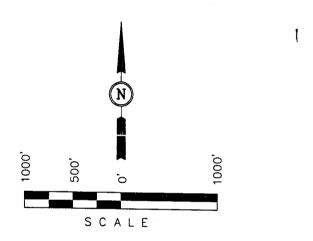


BERRY PETROLEUM COMPANY

Well location, LC TRIBAL #9-6-56, located as shown in the NE 1/4 SE 1/4 of Section 6, T5S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.



CERTIFICATE THIS IS TO CERTIFY THAT THE ABOUT AND COMMENTS OF THE CERTIFY THAT THE ABOUT AND COMMENTS OF THE CERTIFICATION OF THE CERTI FIELD NOTES OF ACTUAL SURVEYS SUPERVISION AND THAT THE SAME BEST OF MY KNOWLEDGE AND

Rebar 0.3' High, Set Marked Stone,

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = $40^{\circ}04'26.59''$ (40.074053) LONGITUDE = 110'35'42.87" (110.595242)

(NAD 27)

LATITUDE = $40^{\circ}04'26.74''$ (40.074094)

LONGITUDE = 110'35'40.31" (110.594531)

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

(433)	709-1017	
SCALE 1" = 1000'	DATE SURVEYED: 12-7-06	DATE DRAWN: 12-22-06
J.W. B.D. K.G.	REFERENCES G.L.O. PLA	ΛŢ
WEATHER COLD	FILE BERRY PETROL	EUM COMPANY

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC Tribal 9-6-56 NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M. Lease 14-20-H62-5500 (EDA) Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

Shelley Crozier

Regulatory and Permitting Specialist

Berry Petroleum Company 4000 South 4028 West

Route 2, Box 7735 Roosevelt, Utah 84066

435-722-1325

BERRY PETROLEUM COMPANY

LC Tribal 9-6-56

Surface location NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M. Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	<u>Depth</u>
Uinta	surface
Green River	431'
Green River Upper Marker	767'
Mahogany	1,457'
Tgr3 Marker	2,488'
Douglas Creek	3,256'
*Black Shale	3,923'
*Castle Peak	4,226'
Uteland Butte Ls.	4,535'
Wasatch	4,775'
TD	4,875'
Base of Moderately Saline	
Water (less than 10,000 ppm)	4,921'

*PROSPECTIVE PAY

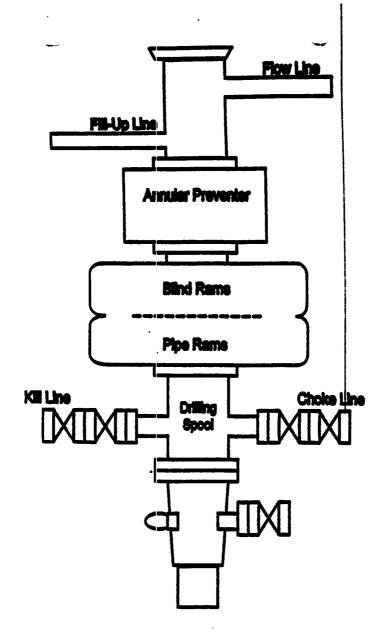
3 Pressure Control Equipment: (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A <u>2M</u> system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests.

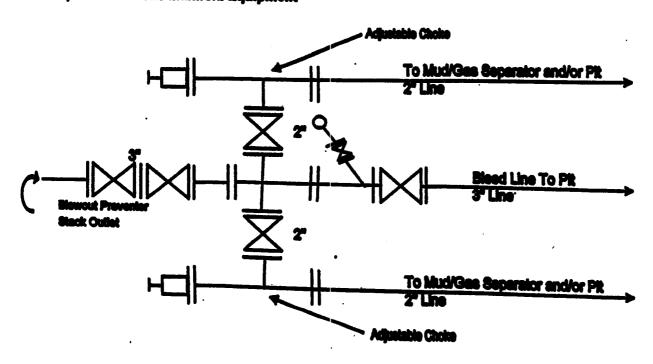
Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

The anticipated bottom hole pressure will be less than 3,000 psi.

Depth Intervals	BOP Equipment
0-300'	No Pressure Control
300 – 4875'	9" 2000# Ram Type BOP 9" 2000# Annular BOP



2,000 PSI Choke Manifold Equipment



Berry Petroleum Company Drilling Program LC Tribal 9-6-56 Duchesne County, Utah Page Two

4 Proposed Casing and Cementing Program

The proposed Casing Program will be as follows:

Purpose	Depth	Hole Siz	ze	Casing Size	Type	Connection	Weight
Surface Production	300' 4875'	12 ¼" 7-7/8"		8-5/8" 5-1/2"	J-55 J-55	ST&C LT&C	24# 15.5#
Surface	Fill		Type &	Amount			
0' - 300'	300'			additives or a s of 14.3 ppg and minimum 24 h	similar slur d approxir r compress	Premium Plus (Ty rry with a minimunate yield of 1.43 sive strength = 50 and to surface and	um weight 3 cf/sk, 00 psi
Production with lost	circulatio	n		Type & Amou	nt		
0 – 4875'		-		SEE ATTACH	IED CEM	ENT PROCEED	URE
Production without	lost circ	ulation	Туре	& Amount			
0 – 4875'				SEE ATTACH	ED CEM	ENT PROCEED	URE

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 25% excess.

Berry Petroleum Company Drilling Program LC Tribal 9-6-56 Duchesne County, Utah Page Three

5 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks	
0' - 300'	8.6	27	NC	Spud Mud or air	
300'-4875'	8.6	27	NC	KCL Water	

6 Evaluation Program

Logging Program:

HRI-GR-SP with SDL-DSN-PE: surface casing to TD.

Preserve samples from all show intervals.

Sampling:

10' dry cut samples: Douglas Creek to TD. Preserve samples

From all show intervals.

Surveys:

As deemed necessary

Mud Logger:

As cleemed necessary

Drill Stem Tests:

As deemed necessary

Cores:

As deemed necessary

7 Abnormal Conditions

No abnormal temperatures or pressures or other hazards are anticipated.

8 Anticipated Starting Dates and Notification of Operations

Drilling Activity:

Anticipated Commencement Date:

Drilling Days:

Completion Days:

Upon approval of the APD.

Approximately 6 days.

Approximately 7 days.

BERRY PETROLEUM COMPANY

LC Tribal 9-6-56

Surface location NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M. Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Tribal 9-6-56, in Section 6-T5S-R6W

Start in Duchesne, Utah. Proceed southwest on US Highway 40. Travel west 8.3 miles to the first 2 track turnoff going south (CR 20) right after Starvation reservoir. Travel 5.7 along this road turning westward, at fork in road go south approximately 5.9 miles.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

2 Planned Access Road

See Topographic Map "B" for the location of the proposed access road.

3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1mile radius.

4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Two

A description of the proposed pipeline and a map illustrating the proposed route is attached.

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval form the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W.

6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

7 Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Upon well completion, weather permitting (summer months), any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless otherwise specified, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit. Reserve pit leaks are considered an unacceptable and undesirable event and will be orally reported to the Authorized Agency Officer.

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Three

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

9 Wellsite Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Four

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be folded, torn, and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting. Once reclamation activities have begun, the activities will be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The object is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Five

0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

11 Surface Ownership

Division of Wildlife 1594 W. North Temple, Suite 2110 Salt Lake City, Utah 84114-6301 1-801-538-4792

12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places:

The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and,

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Six

The time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

Berry Petroleum Company Multi Point Surface Use & Operations Plan LC Tribal 9-6-56 Duchesne County, Utah Page Seven

13 Operator's Representative and Certification

A)

Representative

NAME:

Shelley Crozier

ADDRESS:

Berry Petroleum Company 4000 South 4028 West Route 2, Box 7735 Roosevelt, Utah 84066

PHONE:

435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

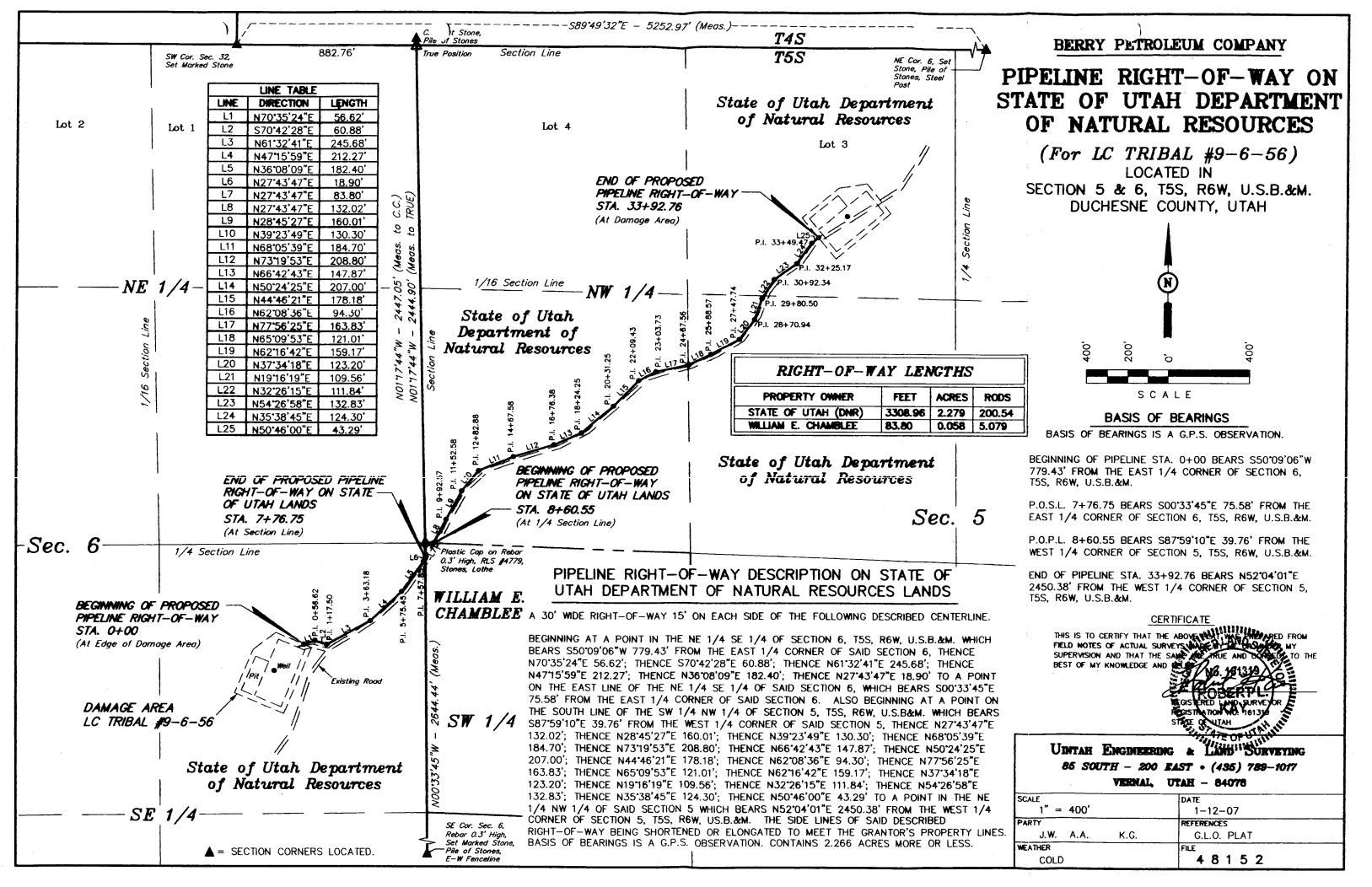
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

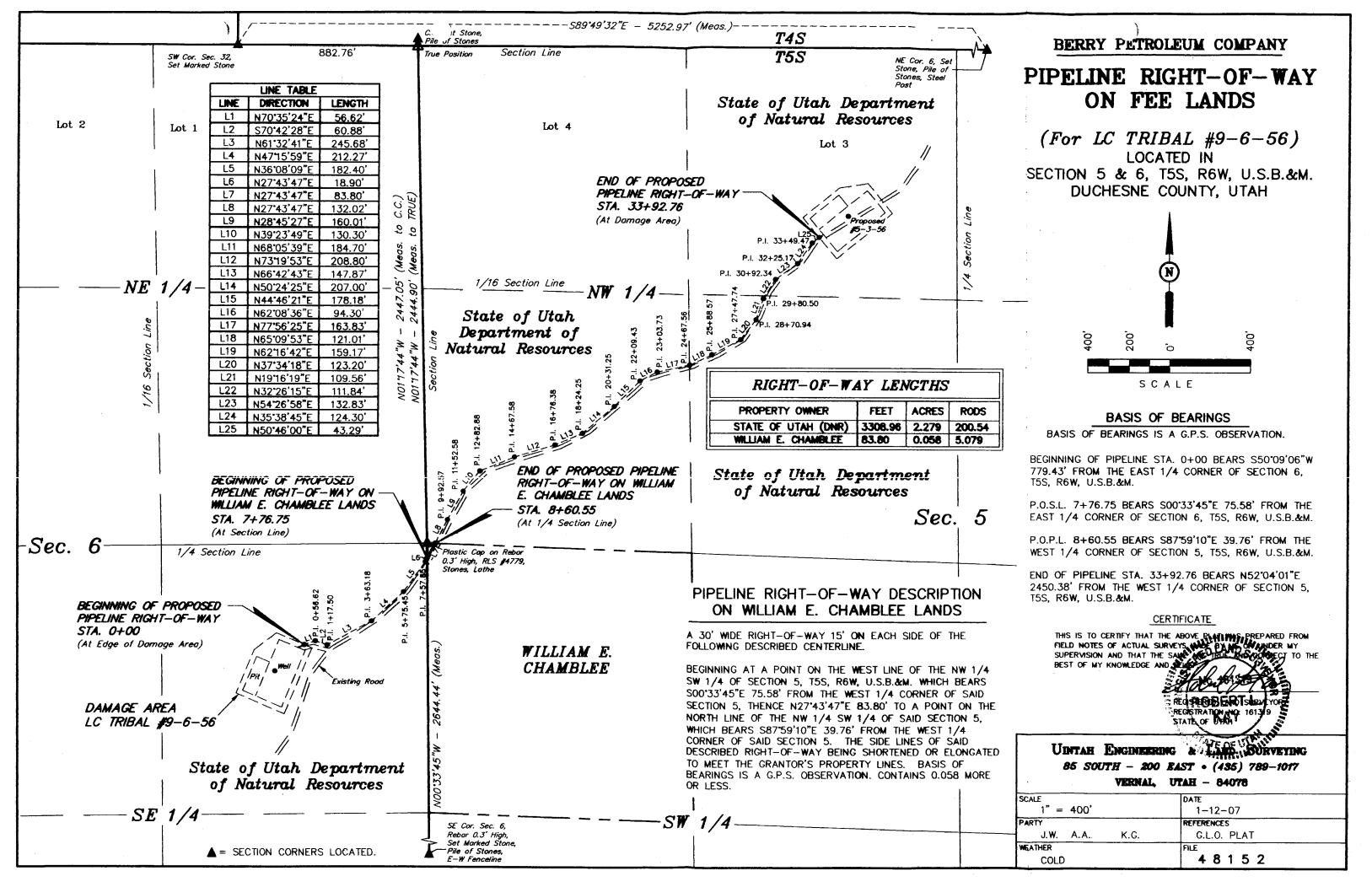
March 30, 2007

Shelley Crozier

Permitting and Regulatory Specialist

Berry Petroleum Company







Berry Petroleum Co LC TRIBAL 9-6-56

Unnamed Field sec 6 T5S R6W Duchesne County, Utah February 21, 2007

Cement Recommendation

Prepared for: Tim McDonald Berry Petroleum Co. Prepared by: KRISTIAN M COZYRIS Region Engineer Denver, Colorado



Service Point:

Vernal

Bus Phone: (435) 781-2294

Fax:

(435) 789-4530

Service Representatives:

Darrin Bailey Senior Sales Rep Vernal, Utah

Bus Phone: (435) 781-2294 Mobile: (435) 828-4104 **Operator Name:** Berry Petroleum **Well Name:** LC TRIBAL 9-6-5-5

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



Proposal No: 179967813A

JOB AT A GLANCE

Depth (TVD) 4,875 ft

Depth (MD) 4,875 ft

Hole Size 7.875 in

Casing Size/Weight: 5 1/2 in, 15.5 lbs/ft

Pump Via

Total Mix Water Required 5,967 gals

Pre-Flush

Fresh Water 10 bbls
Density 8.3 ppg

Spacer

KCI Water 10 bbls
Density 8.4 ppg

Spacer

Fresh Water 20 bbls
Density 8.3 ppg

Lead Slurry

 PL2+SF+3#CSE+3%KCL+0.25
 219 sacks

 Density
 11.0 ppg

 Yield
 3.43 cf/sack

Tail Slurry

 50:50:2+3%KCL+0.5%EC 240 sacks

 Density
 14.3 ppg

 Yield
 1.27 cf/sack

Displacement

Fresh Water 115 bbls
Density 8.3 ppg

Operator Name: Berry Petroleum name: LC TRIBAL 9-6-

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D.	DEPTH(ft)		
(in)	MEASURED	TRUE VERTICAL	
8.097 CASING	342	342	
7.875 HOLE	4,875	4,875	

SUSPENDED PIPES

DIAMETE	R (in)	WEIGHT	DEF	PTH(ft)
O.D.	I.D.	(⊪bs/ft)	MEASURED	TRUE VERTICAL
5.500	4.950	15.5	4,875	4,875

Float Collar set @ 4,835 ft

Mud Density 8.40 ppg

Mud Type Water Based

Est. Static Temp. 131 ° F

Est. Circ. Temp. 106 ° F

VOLUME CALCULATIONS

342 ft	Х	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,158 ft	X	0.1733 cf/ft	with	25 % excess	=	685.0 cf
1,375 ft	x	0.1733 cf/ft	with	25 % excess	=	297.8 cf
40 ft	х	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)

TOTAL SLURRY VOLUME = 1054.0 cf

= 188 bbls

Confirm well data with customer representative prior to pumping.

Operator Name: Berry Petroleum Well Name:

LC TRIBAL 9-6-5_b

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



Proposal No: 179967813A

FLUID SPECIFICATIONS

Pre-Flush

10.0 bbls Fresh Water @ 8.34 ppg

Spacer

10.0 bbls KCl Water @ 8.4 ppg

Spacer

20.0 bbls Fresh Water @ 8.34 ppg

VOL	UME.	VOL	UME
-----	------	-----	-----

FLUID	CU-FT	FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	751	/ 3.4 ·	= 219 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3 lbs/sack CSE + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Elentonite + 0.5% bwoc Sodium Metasilicate + 201.6% Fresh Water
Tail Slurry	303	/ 1.2	= 240 sacks (50:50) Poz (Fly Ash):Class G Cement + C.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + C.3% bwoc Sodium Metasilicate + 56.3% Fresh Water

Displacement

115.1 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	14.30
Slurry Yield (cf/sack)	3.43	1.27
Amount of Mix Water (gps)	21.03	5.67
Amount of Mix Fluid (gps)	21.03	5.67
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
COMPRESSIVE STRENGTH		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.

Slurry volumes are based off of 25% excess with gauge hole.



Berry Petroleum Co LC TRIBAL 9-6-56

Unnamed Field sec 6 T5S R6W Duchesne County, Utah February 21, 2007

Cement Recommendation

Prepared for: Tim McDonald Berry Petroleum Co. Prepared by: KRISTIAN M COZYRIS Region Engineer Denver, Colorado



Service Point:

Vernal

Bus Phone: (435) 781-2294

Fax:

(435) 789-4530

Service Representatives:

Darrin Bailey Senior Sales Rep Vernal, Utah

Bus Phone: (435) 781-2294 Mobile: (435) 828-4104 **Operator Name:** Berry Petroleum LC TRIBAL 9-6-50

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



Proposal No: 179967825A

JOB AT A GLANCE

Depth (TVD) 4,875 ft

Depth (MD) 4,875 ft

Hole Size 7.875 in

Casing Size/Weight: 5 1/2 in, 15.5 lbs/ft

Pump Via

Total Mix Water Required 6,132 gals

Pre-Flush

Fresh Water 10 bbls
Density 8.3 ppg

Spacer

KCI Water 10 bbls
Density 8.4 ppg

Spacer

Fresh Water 20 bbls
Density 8.3 ppg

Lead Slurry

Premium Lite II 219 sacks
Density 11.0 ppg
Yield 3.43 cf/sack

Tail Slurry

Premium Lite II HS+ additives 159 sacks

Density 13.0 ppg

Yield 1.91 cf/sack

Displacement

Fresh Water 115 bbls Density 8.3 ppg

Operator Name: Berry Petroleum Vell Name: LC TRIBAL 9-6-55

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



Proposal No: 179967825A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D.	DEPTH(ft)		
(in)	MEASURED	TRUE VERTICAL	
8.097 CASING	342	342	
7.875 HOLE	4,875	4,875	

SUSPENDED PIPES

DIAMETI	ER (in)	WEIGHT	DEP	TH(ft)
O.D.	l.D.	(∥bs/ft)	MEASURED	TRUE VERTICAL
5.500	4.950	15.5	4,875	4,875

Float Collar set @ 4,835 ft

Mud Density 8.40 ppg

Mud Type Water Based

Est. Static Temp. 131 ° F

Est. Circ. Temp. 106 ° F

VOLUME CALCULATIONS

342 ft	Х	0.1926 cf/ft	with	0 % excess	=	65.9 cf
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1,375 ft	x	0.1733 cf/ft	with	25 % excess	=	297.8 cf
40 ft	X	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)

TOTAL SLURRY VOLUME = 1054.0 cf

= 188 bbls

Confirm well data with customer representative prior to pumping.

Operator Name: Berry Petroleum

Well Name: LC TRIBAL 9-6-56

Job Description: Cement 5-1/2 inch Production Casing

Date:

February 21, 2007



Proposal No: 179967825A

FLUID SPECIFICATIONS

Pre-Flush 10.0 bbls Fresh Water @ 8.34 ppg

Spacer 10.0 bb/s KCl Water @ 8.4 ppg

Spacer 20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	751	/ 3.4 =	219 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3 lbs/sack CSE + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 201.6% Fresh Water
Tail Slurry	303	/ 1.9 =	= 159 sacks Premium Lite II High Strength + 0.05 lbs/sack Static Free + 0.4% bwoc R-3 + 0.4% bwoc FL-63 + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 0.2% bwoc BA-59 + 92% Fresh Water

Displacement 115.1 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

SLURRY NO. 1	SLURRY NO. 2
11.00	13.00
3.43	1.91
21.03	9.60
21.03	9.60
4:30	4:41
	1700
	2000
	11.00 3.43 21.03 21.03

RHEOLOGIES

FLUID		TEMP	<u>600</u>	300	200	100	6	3
Tail Slurry	@	80°F	179	145	112	88	9	7

Slurry and the chemical loadings subject to change pending pre-job testing.

The slurry volumes are based off of 25% excess over gauge hole.

BERRY PETROLEUM COMPANY

LC TRIBAL #9-6-56

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 6, T5S, R6W, U.S.B.&M.

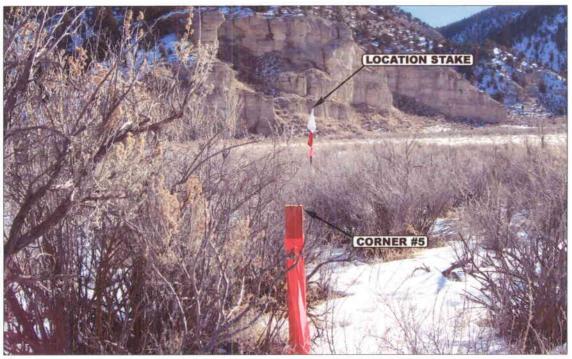


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

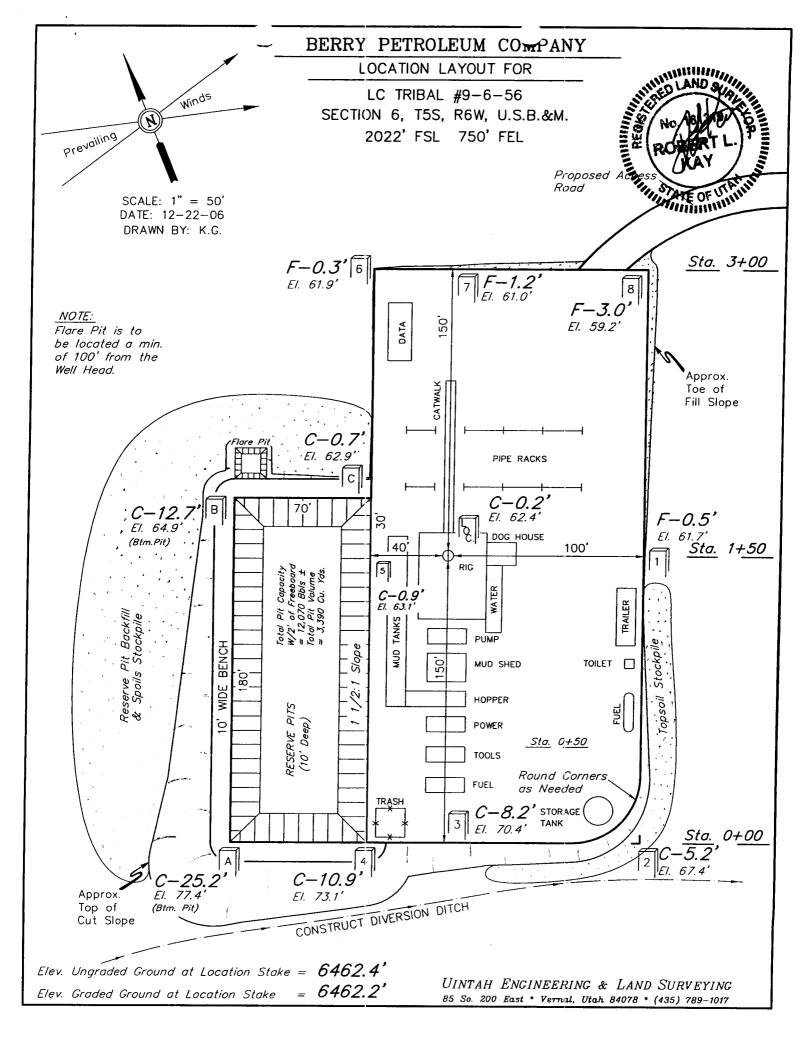
CAMERA ANGLE: SOUTHEASTERLY

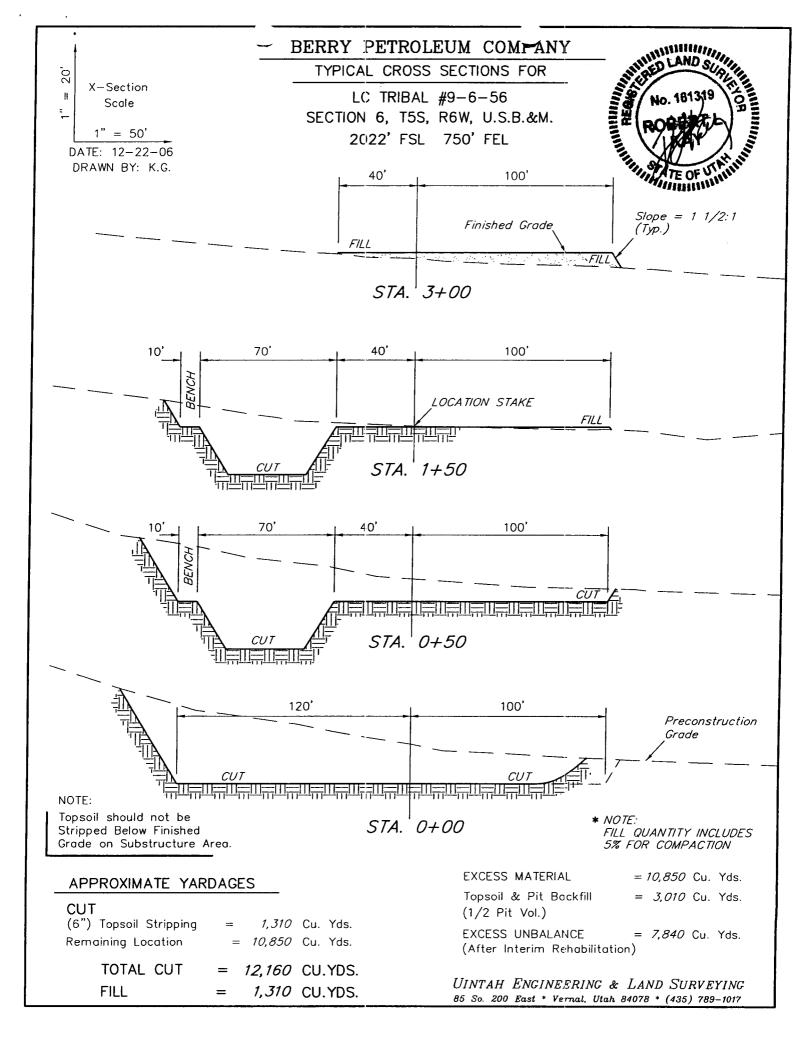


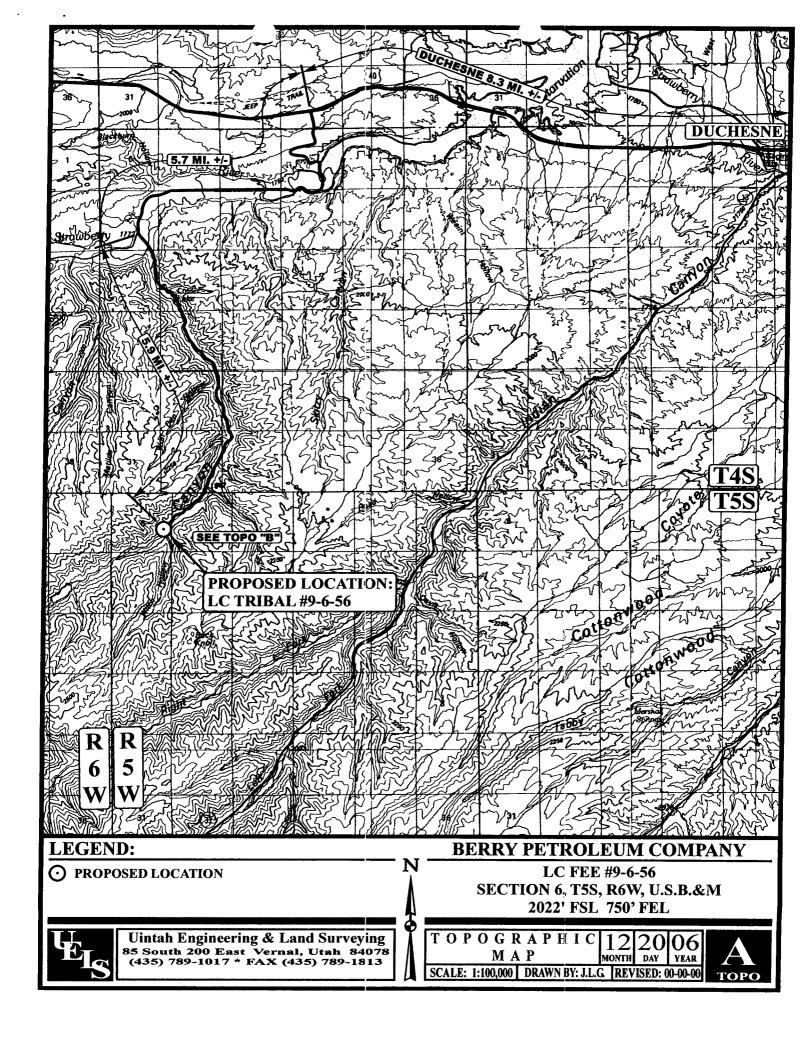
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

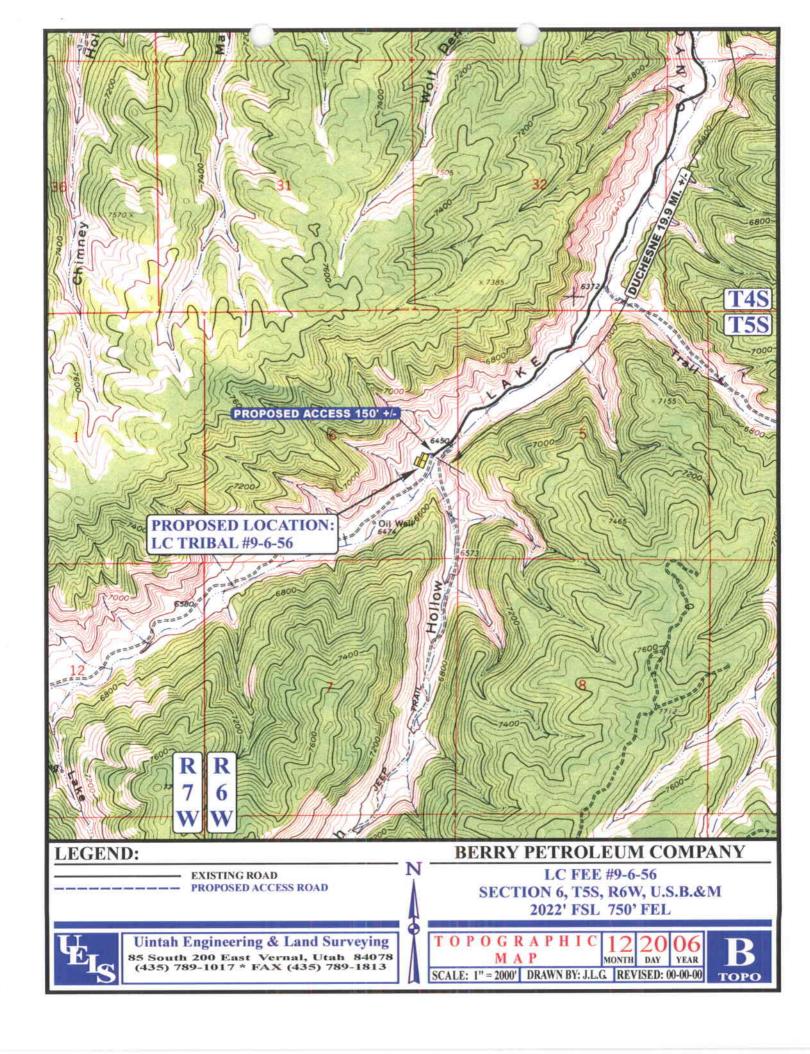
CAMERA ANGLE: WESTERLY

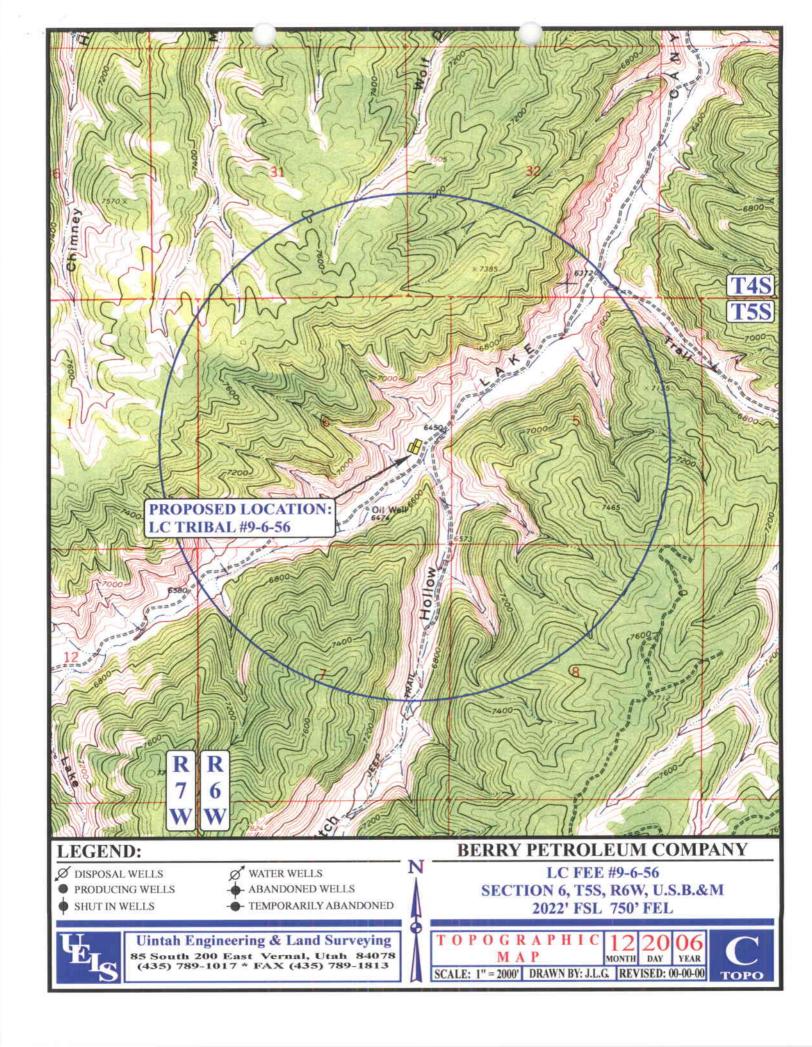


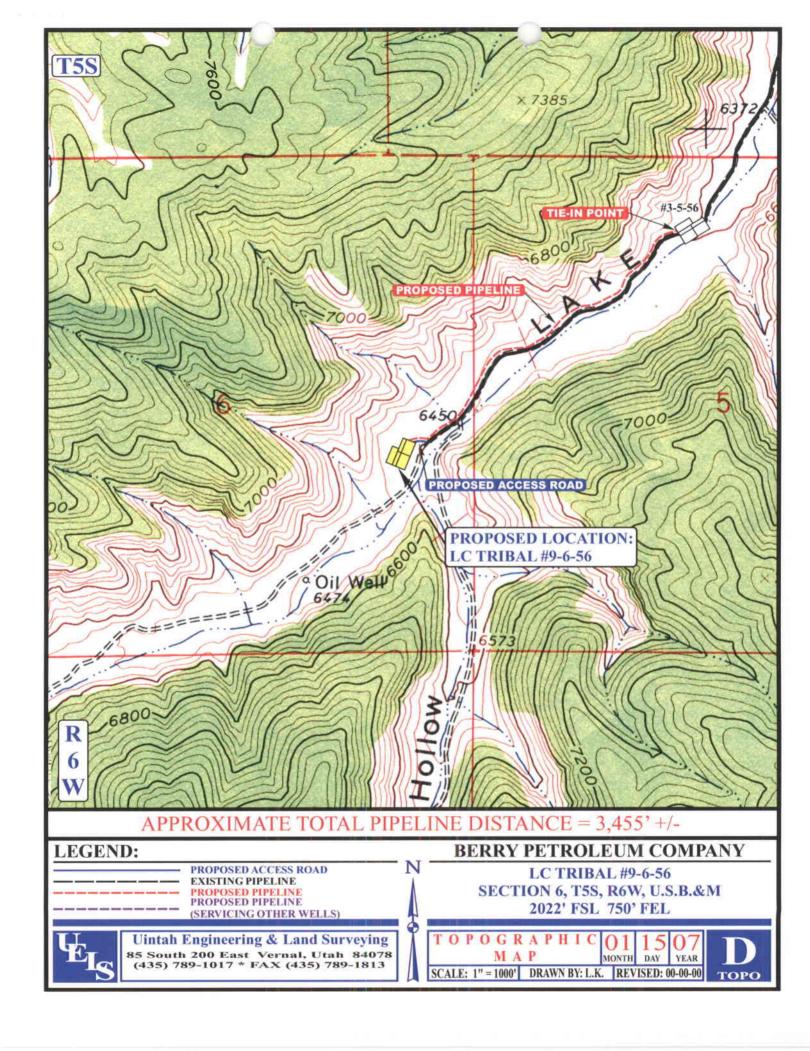






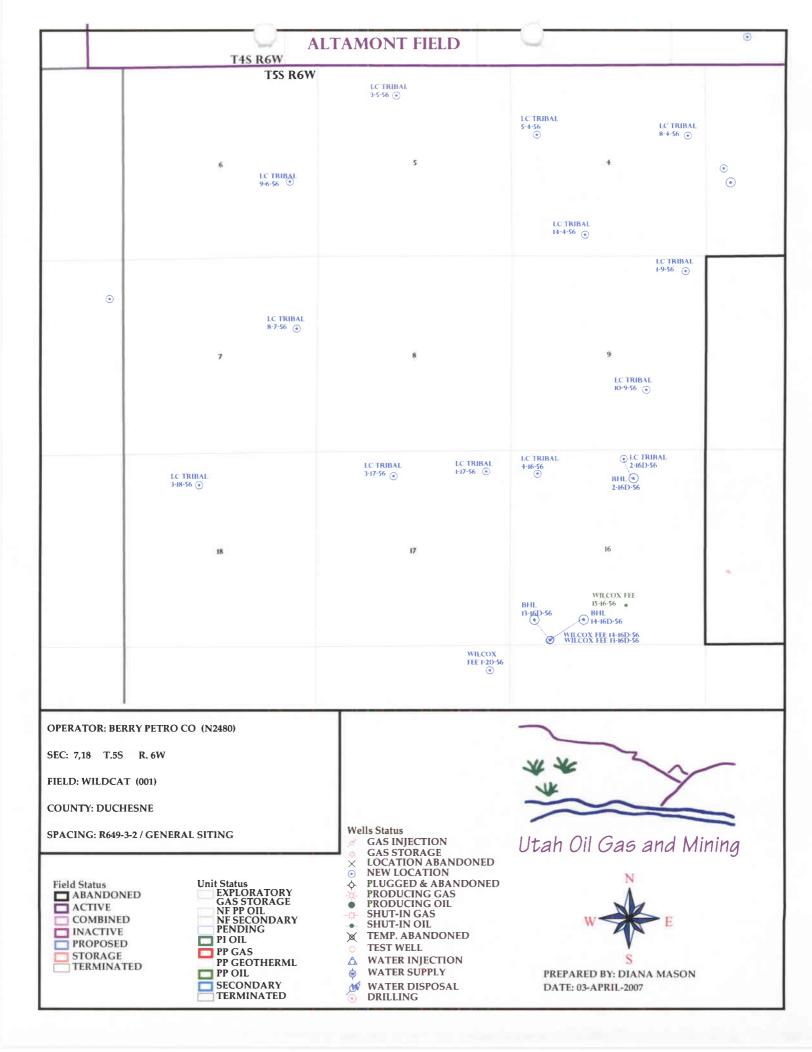






WORKSHEET APPLICATION FOR PERMIT TO DRILL

ADD DEGETTED - 04/00/0007	ADT NO AGGGNED. 42 012 22606					
APD RECEIVED: 04/02/2007	API NO. ASSIGNED: 43-013-33606					
WELL NAME: LC TRIBAL 9-6-56	_					
OPERATOR: BERRY PETROLEUM COMPANY (N2480) PHONE NUMBER: 435-722-1325					
CONTACT: SHELLY CROZIER	_					
PROPOSED LOCATION:	INSPECT LOCATN BY: / /					
NESE 06 050S 060W	Tech Review Initials Date					
SURFACE: 2022 FSL 0750 FEL BOTTOM: 2022 FSL 0750 FEL	Engineering					
COUNTY: DUCHESNE	Geology					
LATITUDE: 40.07391 LONGITUDE: -110.5946						
UTM SURF EASTINGS: 534568 NORTHINGS: 443	Surface Surface					
FIELD NAME: UNDESIGNATED (2) LEASE TYPE: 2 - Indian LEASE NUMBER: 14-20-H62-5500 PROPOSED FORMATION: GRRV SURFACE OWNER: 4 - Fee COALBED METHANE WELL? NO						
RECEIVED AND/OR REVIEWED: LOCATION AND SITING:						
Plat	R649-2-3.					
Bond: Fed[] Ind[2] Sta[] Fee[]	Init.					
(No. RLB0005651)						
<u> </u>						
Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells					
Water Permit R649-3-3. Exception						
(No. 43-11041) RDCC Review (Y/N) Drilling Unit						
(Date:)	Board Cause No:					
Fee Surf Agreement (Y)/N)	Eff Date: Siting:					
Intent to Commingle (Y/N) R649-3-11. Directional Drill						
COMMENTS: PRESITE (UL-17-07)						
COMMENTS: TRESITE (OCTIVITY)						
STIPULATIONS:						
2 Santa Ca Stal						
3- STATEMENT OF BASIS						



Application for Permit to Drill Statement of Basis

4/23/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No

API WellNo

Status

Well Type

Surf Ownr

CBM

377

43-013-33606-00-00

OW

P

No

BERRY PETROLEUM COMPANY **Operator**

Surface Owner-APD

Well Name LC TRIBAL 9-6-56

Unit

Type of Work

Field

UNDESIGNATED

Location

2022 FSL 750 FEL NESE 6 5S 6W U

GPS Coord (UTM) 534568E 4435829N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill

4/23/2007

APD Evaluator

Date / Time

Surface Statement of Basis

The general area is within the Lake Canyon drainage. Lake Canyon is named for a reservoired lake located in the canyon bottom approximately 8 road miles up canyon from the confluence of Lake Canyon drainage with the Strawberry River. The City of Duchesne is approximately 14 road miles to the east of the road junction leading to Lake Canyon. Access to the area is by State of Utah and Duchesne County paved highways to the Lake Canyon graveled Duchesne County Road. The Lake Canyon County road is at times narrow and crosses one bridge, which the County and oil companies are planning to replace. The proposed location is approximately 5.9 south on the Lake Canyon road then west 150 feet following a new road to be constructed.

Topography in the Lake Canyon area consists of a wide-bottomed canyon rimmed by excessively steep or vertical sidewall cliffs. Outwash plains or deposits of til are common along both sides of the canyon. A few narrow bottomed side drainages exist and have similar steep sides. A perennial stream exists and flows into the Lake originating at springs approximately 3 miles upstream. Overflow from the lake subs into the bottom of the drainage a short distance below the lake, depending on the amount of flow for the particular year and time of the year. Seeps and small springs infrequently occur within the drainage.

The proposed LC Tribal #9-6-56 oil well is on the edge of a flat and partially on colluvial till west of the Lake Canyon Road. Near vertical ledges lie above the till. Except for the portion on till, the location is relatively flat with a slight slope to the north and toward the road. A diversion ditch is planned around the south end of the pad. An additional diversion ditch is needed across the till on the west side of the location above the reserve pit area.

Two sets of drawings have been submitted. Present plans are to drill the well using a closed loop mud circulation system. If an open loop system is used a reserve pit will be located in an area of cut on the southwest portion of the location. Its dimensions will be 70' x 180' x 10' deep. A liner with sub felt is required. Berry commonly uses a 16 mil liner.

The Utah Division of Wildlife Resources owns the surface and the minerals are Tribal, administered by the BLM for the Ute Indian Tribe.

Ben Williams and Daniel Emmett represented the UDWR at the pre-site. Mr. Williams met with the surveyors and pre-located the site to best meet the needs of wildlife in the area. Michael Cutler represented the BLM.

To reduce the impact on wintering deer and elk in Lake Canyon the UDWR will require as part of their surface use agreement that no road or pad construction drilling or use of work-over rigs occur during the critical

Application for Permit to Drill Statement of Basis

Utah Division of Oil, Gas and Mining

Page 2

wintering period of December 1 thru April 15. In addition he requested that if a pump jack is installed on the location that a reduced sound emission muffler be installed on the motor.

Mr. Willams gave Mr. Crozier of Berry Petroleum a copy of his wildlife evaluation and a seed mixture to be used to revegetate un-used portions of the disturbed area.

Floyd Bartlett

4/17/2007

Onsite Evaluator

Date / Time

Conditions of Approval / Application for Permit to Drill

Category

Condition

Pits

4/23/2007

A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be

properly installed and maintained in the reserve pit.

Surface

Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator

BERRY PETROLEUM COMPANY

Well Name

LC TRIBAL 9-6-56

API Number

43-013-33606-0

APD No 377

58

Field/Unit UNDESIGNATED

Location: 1/4,1/4 NESE

Sec 6 Tw

Rng 6W

2022 FSL 750 FEL

GPS Coord (UTM) 534576

4435851

Surface Owner

Participants

Floyd Bartlett (DOGM), Jeff Crozier (Berry Petroleum Company), Ben Williams and Daniel Emmett (UDWR) and Michael Cutler (BLM).

Regional/Local Setting & Topography

The general area is within the Lake Canyon drainage. Lake Canyon is named for a reservoired lake located in the canyon bottom approximately 8 road miles up canyon from the confluence of Lake Canyon drainage with the Strawberry River. The City of Duchesne is approximately 14 road miles to the east of the road junction leading to Lake Canyon. Access to the area is by State of Utah and Duchesne County paved highways to the Lake Canyon graveled Duchesne County Road. The Lake Canyon County road is at times narrow and crosses one bridge, which the County and oil companies are planning to replace. The proposed location is approximately 5.9 south on the Lake Canyon road then west 150 feet following a new road to be constructed.

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The Utah Division of Wildlife Resources owns the surface and the minerals are Tribal, administered by the BLM for the Ute Indian Tribe.

Surface Use Plan

Current Surface Use

Recreational
Wildlfe Habitat
Deer Winter Range

New Road

Miles Well Pad

Src Const Material

Surface Formation

0.01

Width 220

Length 300

Onsite

UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

4/23/2007 Page 1

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

A moderately dense stand of greasewood occupies the site. Understory vegetation consists of salina wildrye, slender wheatgrass, blue gramma and spring annuals.

Deer, elk, coyotes, bobcats and numerous small mammals, birds and raptors.

Soil Type and Characteristics

Moderately deep sandy loam.

Erosion Issues N

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required Y

Two ditches should be constructed. One on the south of the location and a second on the west and north of the pad after pit is closed if pit is used or during pad construction if closed loop system is used.

Berm Required? N

Erosion Sedimentation Control Required? Y

Some til may fall on west edge of pad. A diversion ditch is needed to catch til and any outwash.

Paleo Survey Run? N Paleo Potental Observed? N Cultural Survey Run? Y Cultural Resources? N

Reserve Pit

Site-Specific Factors		Site I	Ranking	
Distance to Groundwater (feet)	100 to 200		5	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	>1320		0	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
Annual Precipitation (inches)	>20		10	
Affected Populations	<10		0	
Presence Nearby Utility Conduits	Not Present		0	
•		Final Score	30	1 Sensitivity Level

Characteristics / Requirements

Two sets of drawings have been submitted. Present plans are to drill the well using a closed loop mud circulation system. If an open loop system is used a reserve pit will be located in an area of cut on the southwest portion of the location. Its dimensions will be 70' x 180' x 10' deep. A liner with sub felt is required. Berry commonly uses a 16 mil liner.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Floyd Bartlett **Evaluator**

4/17/2007 **Date / Time**

From:

Brad Hill

To:

Mason, Diana

Date:

5/16/2007 9:28 AM

Subject:

Fwd: Notice to release a number of Berry Petroleum Company's well applications on

DWR surface

Attachments:

billjames_businesscard.gif

Diana,

If you would put a copy of this e-mail in the referenced well files I would say this is good enough for the surface agreement requirement.

Brad

>>> William James 5/10/2007 2:50 PM >>>

Diana:

As we discussed today, DWR has been working for a while with Berry Petroleum Co. (Jeff Crozier) to review their applications for rights-of-way on Division of Wildlife Resources (DWR) surface. The roads, pipelines, and well pads for wells #11-27R-46, 4-27-46, 15-6-56, 12-34-46, 14-34-46, 1-9-56, 14-4-56, 10-9-56, 6-12-57, 9-6-56, 3-5-56, 1-12-57, 1-26-46, 3-18-56, 5-4-56, 8-4-56, 8-7-56, 10-26-56, 2-15-54, 4-15-54, 6-15-54, 8-15-54 are now being authorized under surface operating agreements which have been signed by Berry Petroleum Company, and notarized.

We have received payment of the applicable fees to DWR. The approved right-of-way leases and easements are now entering the Division of Finance for issuance of contract numbers. Please consider this message as DWR's formal request that, from the surface owner's viewpoint, you can "release" Berry Petroleum to pursue the named wells. We are satisfied they have met DWR standards. If you have questions, please call or drop by my office.

NOTE -- I will be unavailable May 12-22, 2007 on annual leave. If there detail questions or follow-up needs in the interim these wells can be referenced within three agreements which we named DUC-0609-EA-060, DUC-0702-EA-004, and DUC-0702-EA-008. Stephen "Steve" Hansen would be the best contact until I return.

Bill James
Energy Development / NEPA Coordinator
Utah Division of Wildlife Resources
Salt Lake City, Utah
(801) 538-4752 office
(801) 230-1778 mobile



Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

May 16, 2007

Berry Petroleum Company Rt. 2, Box 7735 Roosevelt, UT 84066

Re:

LC Tribal 9-6-56 Well, 2022' FSL, 750' FEL, NE SE, Sec. 6, T. 5 South,

R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33606.

Sincerely,

Gil Hunt

Associate Director

She That

pab

Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office

Operator:	Berry Petroleum Company	
Well Name & Number	LC Tribal 9-6-56	
API Number:	43-013-33606	
Lease:	14-20-H62-5500	The state of the s

Location: NE SE Sec. 6 T. 5 South R. 6 West

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



Form 3160-3 (April 2004)

> **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

Expires March 31, 2007

EDA)	,	14	-20-H62-5500 (EDA)
APPLICATION FOR PERMIT TO DRIL	6. If Indian, A	Allotee or Tribe Name	
1a. TYPE OF WORK √ DRILL REENT	ER	7. Unit or CA	Agreement, Name and No.
18. TYPE OF WORK Y DIVILE			N/A
		8. Lease Nar	me and Well No.
1b. Type of Well: V Oil well Gas well Other	√ Single zone Multiple z	one	LC TRIBAL 9-6-56
2. Name of Operator BERRY PETROLEUM COMPANY		9. API Well I	013.334006
3a. Address 4000 SOUTH 4028 WEST	3b. Phone No. (include are code)	10. Field and	i Pool, or Exploratory
RT. 2 BOX 7735, ROOSEVELT, UT. 84066	(435) 722-1325		LAKE CANYON
4. Location of Well (Report location clearly and in accordance with any State requirements.	7 NAD 27	11. Sec., T. I	R, M. or BLK. and Survey or Area
At surface (NE/SE) 2022' FSL, 750' FEL	40.074094 LAT		Sec. 6, T5S, R6W
At proposed prod. zone SAME AS ABOVE	110.594531 LONG	ŀ	U.S.B.&M.
14. Distance in miles and direction from nearest town or post office*		12. County o	i
19.9 MILES FROM DUCHESNE, UTAH			CHESNE UTAH
15. Distance from proposed* location to nearest property of lease line, it. (Also to neaset drig. Unit line, if any)	16. No. of acres in lease 80.00	17. Spacing Unit de	
18. Distance from proposed* to nearest well, drilling, completed, applied for, on this lease, ft. N/A	19. Proposed Depth 4875'	20. BLM/BIA Bond I UTB	000035 / RLB0005750
21. Elevations (Show whether DF, KDB, RT, GR, etc.)	22. Approximate date work will start*		23. Estimated duration
6462' GR	REFER TO BPC SOI	PLAN	REFER TO BPC SOP PLAN
24.	Attachments		
The following, completed in accordance with the requirements of Onshore Oil and Gas Order	er No. 1, shall be attached to this form:		
Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System Lnads, the SUPO shall be filed with the appropriate Forest Service Office).	4. Bond to cover the operations of item 20 above. 5. Operator certification. 6. Such other site specific inform authorized officer.	•	-
25. Signature	Name (Printed/Typed)		Date
- hellers (home,	SHELLEY CRO	OZIER	03/30/07
REGULATORY AND PERMITTING SPECIALIS	T		
Approved by (Signatrue)	Name (Printed/Typed)		Date
She House !	JERRY KANCERS		6-1-2007
Assistant Field Manager Lands & Mineral Resources	Office		
Application approval does not warrant or certify that the applicant holds legal or equitable til	tle to those rights in the subject lease which	would entitle the allic	ant to

conduct operations thereon

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on page 2)

NOTICE OF APPROVATES

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

RECEIVED JUN 07 2007



DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Berry Petroleum Company
Well No: LC Tribal 9-6-56
Location: NESE, Sec 6, T5S, R6W
Lease No: 14-20-H62-5500 (EDA)

API No: 43-013-33606 Agreement: N/A

170 South 500 East

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Fax: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in
·		writing 48 hours in advance of any construction activity. The
		Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction,
•		notify the Ute Tribe Energy & Minerals Dept. for a Tribal
		Technician to verify the Affidavit of Completion.
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 7 Well: LC Tribal 9-6-56

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC SURFACE COAs:

ENVIRONMENTAL ASSESSMENT UT080-2007-656

Berry Petroleum proposes to drill six wells. The surface is owned by Utah State Division of Wildlife Resources and the minerals are owned by Indian Minerals. The wells are: LC Tribal #3-18-56, LC Tribal #1-9-56, LC Tribal #8-7-56, LC Tribal #8-4-56, and LC Tribal #4-27-46 enabling exploration of oil and gas activities. Review of the Application for Permit to Drill (APD) and other oil and gas activities indicate this action is in accordance with the Surface Owners interest. A surface owner agreement has been reached between UDWR and the operator Berry Petroleum. A letter dated 5/10/2007 stating satisfaction with this agreement is enclosed in the respective well files.

The Application for Permits to Drill dated 3/30/2007 was reviewed and approved by the State of Utah Division of Oil, Gas and Mining. Therefore, additional National Environmental Policy Act (NEPA) analysis is not required. The proposed action is discussed in the <u>West Brundage Canyon Oil and Gas Field Development Environmental Assessment</u> approved April 7, 1997 by Bureau of Indian Affairs (BIA).

The Application for Permits to Drill dated 3/30/2007 was reviewed and approved by the State of Utah Division of Oil, Gas and Mining. It is my decision to adopt the State of Utah Division of Oil, Gas and Mining approval of Application for Permit to Drill and its associated Conditions of Approval. Additional NEPA analysis is not required. No additional Conditions of Approval are necessary for this APD.

COAs: Page 3 of 7 Well: LC Tribal 9-6-56

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE COAs:

• Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

COAs: Page 4 of 7 Well: LC Tribal 9-6-56

• A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: LC Tribal 9-6-56

OPERATING REQUIREMENT REMINDERS:

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - o Operator name, address, and telephone number.
 - o Well name and number.
 - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - O Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - O Unit agreement and/or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

COAs: Page 6 of 7 Well: LC Tribal 9-6-56

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: LC Tribal 9-6-56

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

		•	5. Lease Designation and Serial Number:
CUMPI	OV NOTICES AND DEDOD	TO ONLYHELLO	14-20-H62-5500 (EDA) 6. If Indian, Allottee or Tribe Name;
SUNDI	RY NOTICES AND REPORT	15 ON WELLS	0
	als to drill new wells, deepen existing wells, or to re-enter TION FOR PERMIT TO DRILL OR DEEPEN form for suc		7. Unit Agreement Name:
1. Type of Well: OIL X GA	OTHER:		8. Well Name and Number:
1. Type of Well: OIL X GAS	SOTHER:		LC TRIBAL 9-6-56
2. Name of Operator:			9. API Well Number:
BERRY PETROLEUM COMPANY	· ·		43-013-33606 10. Field and Pool, or Wildcat:
3. Address and Telephone Number:	: NY 7725 DOOGEVELT LITAU SAGE	(425) 722 4225	
4000 SOUTH 4028 WEST, RT. 2 BC 4. Location of Well:	OX 7735 ROOSEVELT, UTAH 84066	(435) 722-1325	LAKE CANYON
Footages: 2022' FSL, 750' FEL	•		County: DUCHESNE,
OO Soo T P M.	C. 6, T5S, R6W USB&M		State: UTAH
		URE OF NOTICE, REPORT, OR OTHE	R DATA
NOTICE OF	INTENT	SUBSEQUEN'	report
(Submit in D	uplicate)	(Submit Origina	Form Only)
Abandon	New Construction	Abandon	New Construction
Repair Casing	Pull or Alter Casing	Repair Casing	Pull or Alter Casing
Change of Plans	Recomplete	Change of Plans	Reperforate
Convert to Injection	Reperforate	Convert to Injection	Vent or Flare
Fracture Treat or Acidize	Vent or Flare	Fracture Treat or Acidize	Water Shut-Off
Multiple Completion	Water Shut-Off	Other	
X Other ONE YEAR EXTENSION	,		
	i	Date of work completion	
Approximate date work will start		Report results of Multiple Completions and Rec	-
		·	
	· · · · · · · · · · · · · · · · · · ·	* Must be accompanied by a cement verification rep	ort.
		nent dates. If well is directionally drilled, give subsurface locati	ons and measured and true
vertical depths for all markers and zones pertinent	te this work.)		
BERRY PETROEUM COMP	PANY RESPECTFULLY REQUESTS	THAT THE APPROVED APPLICATION	
TO DRILL FOR THE ABOV	E SUBJECT WELL BE EXTENDED I	FOR A PERIOD OF ONE (1) YEAR.	
TO BRILL FOR THE ABOV	E SOBOLOT WELL BE EXTENDED.	TOTAL ENGINEERS	
	STATE A	pproveeloythe	
		Itah Division of	
		, Gas and Mining	
	OII,	, das and wining	
COPY SENT TO OPERATOR	Date:	05-70-08	
Date: 5.21.2008		> CONTINUE	
	By:	Mallell V	
Initials:	, <u> </u>		
		7)	
13			
Name & Signature: SHELLEY E.	CROZIER MEMENT IN ZIER	Title: REGULATORY & PERMITTING SPECIA	LIST_Date: 05/14/08
(This space for Federal or State office use)		Ţ	RECEIVED
			MAY 1 5 2008
			MAI

(4/94)

MAY 1 5 2008

DIV. OF OIL, GAS & MINING



Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

RECEIVED

MAY 1 5 2008

DIV. OF OIL, GAS & MINING

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS AND MI			5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500 (EDA)
SUNDRY	NOTICES AND REPORTS	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL fo	rent bottom-hole dep orm for such proposa	th, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL	GAS WELL OTHER_			8. WELL NAME and NUMBER: LC TRIBAL 9-6-56
2. NAME OF OPERATOR: BERRY PETROLEUM CO	MPANY			9. API NUMBER: 4301333606
3. ADDRESS OF OPERATOR:	- u	0.4000	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
4000 S. 4028 W. 4. LOCATION OF WELL	, Roosevelt STATE UT ZIP	84066	(435) 722-1325	LAKE CANYON
FOOTAGES AT SURFACE: 2022' F	FSL, 750' FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANG	ge, meridian: NESE 6 T5S F	R6W		STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	-		YPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
✓ NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS	TRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR
• • • • • • • • • • • • • • • • • • • •	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	(WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION	ON (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	OTHER: 1 YR. EXTENSION
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
BERRY PETROLEUM CO	Oil OPERATOR Date:	UESTS THA βΕΡΟΓΟΘΟ Έ Itah Divisi , Gas and	T THE APPROVED (ያ ር ር ውዕ OF ONE (ኅ	APPLICATION
			<u> </u>	
NAME (PLEASE PRINT) SHELLEY		TITL	REGULATORY 8	& PERMITTING SPECIALIST
101100	18 (7020)		5/7/2009	

(This space for State use only)

RECEIVED

MAY 1 1 2009

Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

API:

43-013-33606

Well Name: LC TRIBAL 9-6-56 Location: (NE/SE) 2022' FSL, 750' FEL, SEC. 6-T5S-R6V Company Permit Issued to: BERRY PETROLEUM CO Date Original Permit Issued: 5/16/2007	
The undersigned as owner with legal rights to drill on above, hereby verifies that the information as submittapproved application to drill, remains valid and does responded to the contract of the contract o	ed in the previously
Following is a checklist of some items related to the a verified.	pplication, which should be
f located on private land, has the ownership changed agreement been updated? Yes ☐ No ☑	l, if so, has the surface
Have any wells been drilled in the vicinity of the propo the spacing or siting requirements for this location? Y	
Has there been any unit or other agreements put in ploermitting or operation of this proposed well? Yes□N	
Have there been any changes to the access route incof-way, which could affect the proposed location? Yes	· · · · · · · · · · · · · · · · · · ·
Has the approved source of water for drilling changed	l? Yes□ No ☑
Have there been any physical changes to the surface which will require a change in plans from what was dievaluation? Yes□No☑	
s bonding still in place, which covers this proposed w	rell? Yes ☑ No □
Signature T. Chitchia	5/7/2009 Date
Fitle: Regulatory & Permitting Specialist	
Representing: Berry Petroleum Company	

MAY 1 1 2009
DIV. OF OIL, GAS & MINING

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED
OMB No. 1004-	0137
Expires: July 31	2014

5. Lease Serial No. 14-20-H62-5500 (EDA)

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (A	PD) for such propos	als.	·	:
SUBMI	T IN TRIPLICATE - Other	instructions on page 2.	7. If Unit of CA/	Agreement, Name and/or No	
1. Type of Well	• •	· ,·.· / ·		<u> </u>	
☑ Oil Well ☐ Gas W	/ell Other	•	8. Well Name an		•
2. Name of Operator BERRY PETROLEUM COMPANY	. ,	i.	9. API Well No. 43-013-33606		
3a. Address 4000 SOUTH 4028 WEST, RT. 2, BOX 7735 ROOSEVELT, UTAH 84086		3b. Phone No. (include area (435) 722-1325	(code) 10. Field and Pol LAKE CANYO	ol or Exploratory Area N	
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description,	:	11. Country or P		
2022' FSL, 750' FEL (NE/SE) SEC. 6-T5S-R6	5W		DUCHESNE C	OUNTY, UTAH	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATU	RE OF NOTICE, REPORT OR	OTHER DATA	·.
TYPE OF SUBMISSION		,	YPE OF ACTION	*.	× .
✓ Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Start/Resur Reclamation Recomplete	water Shut-Off Well Integrity Other 1 YR. E	XTENSION
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	· ·	
testing has been completed. Final determined that the site is ready for the street of	r final inspection.) RESPECTFULLY REQUE	STS THAT THE APPROVE			rator nas
ABOVE SUBJECT WELL BE EXTE ORIGINAL APPROVAL DATES STATE: 5/16/2007 BLM: 6/1/2007	VERNAL FIEL ENG. GEOL. E.S.		MAY 1 1 200		
14. I hereby certify that the foregoing is to	rue and correct. Name (Printer	Ттуреа)	•		
SHELLEY E. CROZIER	A.M.	Title REGU	LATORY & PERMITTING SE	PECIALIST	
Signature Welled	E. Orogie	Date 05/07.	2009		: .
	THIS SPACE	FOR FEDERAL OR S	TATE OFFICE USE	:	
Approved by		Patole	um Engineer	Date MAY 22 1	5003
Conditions of approval, if any, are attached that the applicant holds legal or equitable to intitle the applicant to conduct operations	itle to those rights in the subjec	not warrant or certify		Date	
77.1 10.110.0 0 1 1001 1771 13	U.S.O. G				-Staton only folia

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fictitious or fraudulent statements or representations as to any matter within its jurisdiction

JUN 29 2009

Fonn 2160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS APR 0 9 2010

Lease Serial No. 20G0005500

Subsequent Report Alter Casing Fracture Treat Recalamation Well Integrity Casing Repair New Construction Recomplete Other Change to Origin Change Plans Plug and Abandon Temporarily Abandon Convert to Injection Plug Back Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Disposal Water Dispos	abandoned we	ils form for proposals to d all. Use form 3160-3 (APE	drill or to re-enter an)) for such proposale		Indian, Allottee o NTAH AND O	
2. Name of Operation BERRY PETROLEUM COMPANY E-Mail: kkt@byr,com 2. Name of Operation BERRY PETROLEUM COMPANY E-Mail: kkt@byr,com 3. Address BERRY PETROLEUM COMPANY E-Mail: kkt@byr,com 4. Address ROUTE 2, BOX 7736 ROUTE 2, BOX 7736 ROUTE 2, BOX 7736 ROUTE 3, BOX 7736 ROUTE 3, BOX 7736 ROUTE 4, BOX 7736 ROUTE 4, BOX 7736 ROUTE 5, BOX 7736 ROUTE 5, BOX 7736 ROUTE 6, BOX 7736 ROUTE 6, BOX 7736 ROUTE 6, BOX 7736 ROUTE 7, BOX 7736 ROUTE 7, BOX 7736 ROUTE 8, BOX 7736 ROUTE 9, BOX 7736 ROUTE 9, BOX 7736 ROUTE 1, BOX 7736 ROUTE 2, BOX 7736 ROUTE 1, BOX 7736 ROUTE 2, BOX 7736 ROUTE 1, BOX 7736 ROUTE 2, BOX 7736 ROUTE 3, BOX 7736 ROUTE 2, BO	SUBMIT IN TR	PLICATE - Other instruct	tions on reverse side.	7. If 1	Unit or CA/Agree	ement, Name and/or No.
BERRY PETROLEUM COMPANY 3. Address ROUTE 2, BOX 7735 ROUSEVELT, UT 84068 4. Location of Well (*Postage, Sec. T., R., M., or Survey Description) Sec 6 T5S R6W NESE 2022FSL 750FEL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Actidize Casing Pepair New Construction Recomplete Change Plans Plug Back Water Disposal 13. Describe Proposed or Completed Operation (Slearly state all permient details, including estimated starting date of any proposed work and approximate duration the lift the proposal is to deepen directionally or recomplete borizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and contesting has been completed. Performed or provide the Bond No. on file with BLM/BJA. Required before any interval, a Form 3160-4 shall be filled on determined that the site is ready for final hashodoment Notices hall be filled only after all requirements, including reclamation, have been completed, and the operation has been completed. Performed or provide the Bond No. on file with BLM/BJA. Required be filled only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) BERRY PETROLEUM COMPANY RESPECTFULTY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOV. THE APD WAS ORIGINALLY APPROVED ON JUNE 1, 2007. WITH A ONE YEAR EXTENSION BEING APPROVED ON MAY 22, 2009. RECEIVED MAY 0 6 2010 VERNAL FIELD OFFICE ENG. GEOL For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by QHAIJ JENKINS ON 004/12/2011 (1005/138698E).	Oil Well Gas Well Ot		/ATUNI / FIFT BOTTER	LC	TRIBAL 9-6-56	5
ROUTE 2, BOX 7735 ROOSEVELT, UT 84066 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T5S R6W NESE 2022FSL 750FEL 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Deepen Production (Start/Resume) Reclamation Well Integrity Subsequent Report Casing Practure Treat Reclamation Recomplete Change Plans Plug and Abandon Plug Back Water Disposal 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date or any proposed work and approximate duration ther lifthe proposal is to deepen durectionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zo Attach the Bond under which the work will be performed or provide the Bond No. on fille with BLM/BIA. Required in a new interval, a Form 3160-4 shall be filled on storing has been completed. Final Abandonument Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is reasy for final inspection.) Berry PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABON SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR. THE APD WAS ORIGINALLY APPROVED ON JUNE 1, 2007. WITH A ONE YEAR EXTENSION BEING APPROVED ON MAY 22, 2009. 14. I hereby certify that the foregoing is true and correct. Electronic Submission #84521 verified by the BLM Well Information System PET. For BERRY PETROLEUM COMPANY, sent to the Vermal Committed to AFMSS for processing by Gall LevilkiNS on 04/12/2010 (10G/13808E).	BERRY PETROLEUM COMF	'ANY E-Mail: kkf@bry.co	M K FIELDSTED			0-X1
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Acidize Production (Start/Resume) Alter Casing Practure Treat Recomplete Casing Repair New Construction Plug and Abandon Temporarily Abandon Convert to Injection Plug Back Water Disposal Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration ther if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and rure vertical depths of all pertinent markers and 20 Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion or few involved operations. If the operation results in a multiple completion or recompleted. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that this its is ready for final inspection.) BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABON SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR. THE APD WAS ORIGINALLY APPROVED ON JUNE 1, 2007. WITH A ONE YEAR EXTENSION BEING APPROVED ON MAY RECEIVED MAY 0 6 2010 VERNAL FIELD OFFICE ENG. GEOL. F.S. 14. Thereby certify that the foregoing is true and correct. Electronic Submission #84521 verifies by the BLM Well Information System PET. For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMS5 for processing by QALL JENKINS on 044/222010 (10CJ.13808E).	ROUTE 2, BOX 7735 ROOSEVELT, UT 84066		Ph: 435-722-1325 Fx: 435-722-1321			Exploratory
TYPE OF SUBMISSION TYPE OF ACTION Acidize					,	
Notice of Intent	12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, REPORT	, OR OTHER	DATA
Alter Casing	TYPE OF SUBMISSION		TYPE C	F ACTION		
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration ther if the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zor Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed or testing has been completed. Final Abandonment Notices shall be filed on testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOV SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR. THE APD WAS ORIGINALLY APPROVED ON JUNE 1, 2007. WITH A ONE YEAR EXTENSION BEING APPROVED ON MAY 22, 2009. RECEIVED MAY 0 6 2010 VERNAL FIELD OFFICE ENG. DIV. OF OIL, GAS & MINING GEOL. F. S. 14. Thereby certify that the foregoing is true and correct. Electronic Submission #84521 verified by the BLM Well Information System PET. For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 04/12/2010 (10GJ1380\$E).	Subsequent Report	☐ Alter Casing ☐ Casing Repair ☐ Change Plans	Fracture Treat New Construction Plug and Abandon	Reclamation Recomplete Temporarily Al	oandon	Well Integrity Other Change to Original
MAY 0 6 2010 CONDITIONS OF APPROVAL ATTACHED DIV. OF OIL, GAS & MINING CONDITIONS OF APPROVAL ATTACHED Thereby certify that the foregoing is true and correct. Electronic Submission #84521 verified by the BLM Well Information System PET For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 04/12/2010 (10GJ1380SE)	tonowing completion of the involved testing has been completed. Final Al determined that the site is ready for f BERRY PETROLEUM COMP. SUBJECT WELL BE EXTEND THE APD WAS ORIGINALLY	bandonment Notices shall be file final inspection.) ANY RESPECTFULLY REDED FOR A PERIOD OF O	ults in a multiple completion or red only after all requirements, incl QUESTS THAT THE APPR NE (1) YEAR. 2007. WITH A ONE YEAR	ecompletion in a new infouding reclamation, have COVED APPLICATION BEING	terval, a Form 31 been completed	60-4 shall be filed once and the operator has FOR THE ABOVE
DIV. OF OIL, GAS & MINING CONDITIONS OF APPROVAL ATTACHED GEOL 14. Thereby certify that the foregoing is true and correct. Electronic Submission #84521 verified by the BLM Well Information System PET For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 04/12/2010 (10GJ1380SE)					VERNAL F	FIELD OFFICE
14. I hereby certify that the foregoing is true and correct. Electronic Submission #84521 verified by the BLM Well Information System For BERRY PETROLEUM COMPANY, sent to the Vernal Committed to AFMSS for processing by GAIL JENKINS on 04/12/2010 (10GJ1380SE)	,	CONDITIONS OF APP	DIV. OF OIL, GAS		GEOL	
Name (Printed/Typed) KATHY K FIELDSTED Title REGULATORY & PERMITTING TECH	Co	Electronic Submission #84 For BERRY PET Immitted to AFMSS for processing	ROLEUM COMPANY, sent to essing by GAIL JENKINS on	the Vernal 04/12/2010 (10GJ138	PET	
Signature (Electronic Submission) Date 04/09/2010	Signature (Electronic S	ubmission)	Date 04/09/2	010		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		THIS SPACE FOR				
Approved By 2 Title Petroleum Engineer APR La 2010	Approved By		Title Petro	leum Engi	neer A	PR 1 2010
Conditions of approval, if any are attached. Approval of this notice does not warrant or ertify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office Office States any false, fictitious or fraudulent statements or some extensions and willfully to make to any department or agency of the United	ertity that the applicant holds legal or equiphich would entitle the applicant to condu	itable title to those rights in the sect operations thereon.	subject lease Office	1		

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL

Berry Petroleum Company

Notice of Intent APD Extension

Lease:

2OG0005500

Well:

LC Tribal 9-6-56

Location:

NESE Sec 6-T5S-R6W

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 6/1/2011.
- 2. No other extensions shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen ıgged wells, or to drill horizontal laterals. U	existing wells below current lse APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 9-6-56		
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY	9. API NUMBER: 43013336060000		
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	PHONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U			STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
5/16/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all per	tinent details including dates, depths, v	rolumes, etc.
	UM RESPECTFULLY REQUESTS ILL FOR THE ABOVE SUBJECT THE PERIOD OF ONE (1) YE	WELL BE EXTENDED FOR	Approved by the Utah Division of Oil, Gas and Mining
		D	May 03, 2010
		В	y: Basyll
			22
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE	
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Te	ch.
SIGNATURE N/A		DATE 4/29/2010	



The Utah Division of Oil, Gas, and Mining

- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013336060000

API: 43013336060000 Well Name: LC TRIBAL 9-6-56

Location: 2022 FSL 0750 FEL QTR NESE SEC 06 TWNP 050S RNG 060W MER U

Company Permit Issued to: BERRY PETROLEUM COMPANY

Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the requ

informa uire revi	tion as submitted in the previously approved sion. Following is a checklist of some items r	application to drill, re elated to the applicat	emains valid and does not ion, which should be verified.
	ated on private land, has the ownership chan red? Yes No	ged, if so, has the sur	face agreement been
	any wells been drilled in the vicinity of the property requirements for this location? Yes		ould affect the spacing or
	here been any unit or other agreements put in s proposed well? 💮 Yes 📵 No	n place that could affo	ect the permitting or operation
	there been any changes to the access route in the proposed location? (a) Yes (a) No	ncluding ownership, o	or rightof- way, which could
• Has th	he approved source of water for drilling chan	ged? 🔘 Yes 📵 N	o
	there been any physical changes to the surfa je in plans from what was discussed at the or		
• Is bor	nding still in place, which covers this propose	d well? 📵 Yes 🗍	Approved by the No Utah Division of Oil, Gas and Mining
nature:	Kathy K. Fieldsted Date	: 4/29/2010	
Title:	Sr. Regulatory & Permitting Tech. Representing	BERRY PETROLEUM	May 03, 2010
	- · ·		100 00 /

Sig

Sundry Number: 14495 API Well Number: 43013336060000

	STATE OF UTAH	_	FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
	sals to drill new wells, significantly deepen ougged wells, or to drill horizontal laterals. Us	7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: LC TRIBAL 9-6-56		
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY			9. API NUMBER: 43013336060000
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	PHON ox 7735 , Roosevelt, UT, 84066	IE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U			STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
5/16/2012	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	□ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
			<u></u>
BERRY PETROLE	DMPLETED OPERATIONS. Clearly show all pert UM WOULD LIKE TO REQUEST RILL THE ABOVE SUBJECT WEL	THAT THE APPROVED	· ·
/ / / / / / / / / / / / / / / / / / / /	PERIOD OF ONE (1) YEAR		Approved by the
	. ,		Utah Division of Oil, Gas and Mining
			Date: 04/21/2011
		•	on with
			By: Dally III
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	TITLE Sr. Regulatory & Permitting T	ech.
SIGNATURE N/A		DATE 4/20/2011	

Sundry Number: 14495 API Well Number: 43013336060000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013336060000

API: 43013336060000 **Well Name:** LC TRIBAL 9-6-56

Location: 2022 FSL 0750 FEL QTR NESE SEC 06 TWNP 050S RNG 060W MER U

Company Permit Issued to: BERRY PETROLEUM COMPANY

Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? 🔵 Yes 🌘 No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Kathy K. Fieldsted **Date:** 4/20/2011

Title: Sr. Regulatory & Permitting Tech. Representing: BERRY PETROLEUM COMPANY



Berry Petroleum Company

RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

May 17, 2011

API# 43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: Spud Notice

Begin at approx. 10:00 am on Wednesday May 18, 2011

LC Tribal 9-6-56 2022 FSL, 750 FEL NESE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 435-722-1325

Sincerely Kathy Fieldsted

Thank You

RECEIVED
MAY 1 7 2011

DIV. OF OIL, GAS & MANIPE

Sundry Number: 15248 API Well Number: 43013336060000

			FORM 9			
	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500			
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE			
Do not use this form for propos bottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: LC TRIBAL 9-6-56			
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY			9. API NUMBER: 43013336060000			
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	ox 7735 , Roosevelt, UT, 84066	ONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 06	: U	STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	ACIDIZE	☐ ALTER CASING	CASING REPAIR			
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:						
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
Report Date: 5/20/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION			
5/20/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE NOTE THAT THE LC TRIBAL 9-6-56 WAS SPUD MAY 20, 2011 AT APPROX 9:00 AM BY LEON ROSS DRILLING. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY						
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	R TITLE Sr. Regulatory & Permitting Te	ch.			
SIGNATURE N/A		DATE 5/23/2011				

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM					
Operator:	BERRY PETROLEUM CO	DMPANY	Operator Account Number: N 2480		
Address:	4000 S. 4028 W.				
	city ROOSEVELT				
	state UT	zip 84066	Phone Number: (435) 722-1325		

Well 1

API Number	Well	Name	QQ Sec Twp NESE 6 5S		Rng County 6W DUCHESNE		
4301333606	LC TRIBAL 9-6-56						
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Α	99999	18037	5/20/2011			.51	26/11
Comments: SPU	D BY LEON ROSS DRI	<u> </u>				<u> </u>	xy_{II}

Well 2

API Number	Well I	Name	ne QQ Sec Twp		Twp Rng County		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	y New Entity Number		Spud Date		Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RE(CEI	VED
-----	-----	------------

SR. REG & PERMITTING

KATHYK. FIELDSTED

5/23/2011 Date

(5/2000)

MAY 2 3 2011

Sundry Number: 17105 API Well Number: 43013336060000

	STATE OF UTAH		FORM 9
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56
2. NAME OF OPERATOR:	9. API NUMBER:		
BERRY PETROLEUM COMPANY			43013336060000
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	ox 7735 , Roosevelt, UT, 84066	ONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U			STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
8/1/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
PLEASE NOTE THAT	MPLETED OPERATIONS. Clearly show all pe THE LC TRIBAL 12H-6-56 WA FURTHER ACTIVITY HAS TAK	AS SPUD ON MAY 20, 2011 EN PLACE. (Oi	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	TITLE Sr. Regulatory & Permitting Te	ich.
SIGNATURE	TJJ / ZZ 1JZJ	DATE	-
N/A		8/1/2011	



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

May 16, 2007 Amended August 4, 2011

Berry Petroleum Company 4000 South 4028 West Rt 2 Box 7735 Roosevelt, UT 84066

Subject: LC Tribal 12H-6-56 Well, 2022' FSL, 750' FEL, NE SE, Bottom Location 1981' FSL

800' FWL NW SW Sec. 6, T. 5 South, R. 6 West, Duchesne County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the Uteland Butte Formation, completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33606.

Sincerely,

Associate Director

JR/js Enclosures

cc: Duchesne County Assessor BLM - Vernal Field Office



Operator:	Berry Petroleum Company					
Well Name & Num	& Number LC Tribal 12H-6-56					
API Number: 43-013-33606						
Lease:	ase:14-20-H62-5500					
Location:	NE SE	Sec. <u>6</u>	T. 5 South	R. 6 West		
Bottom Location:	NW SW	Sec. $\frac{1}{6}$	T. 5 South	R. 6 West		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available) OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Page 2 43-013-33606 August 4, 2011

- 5. In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. A temporary 640 acre spacing unit is hereby established in Section 6, Township 5 South, Range 6 West for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.
- 7. In accordance with Utah Admin. R649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 8. All conditions of approval in the original Statement of Basis from the LC Tribal 9-6-56 permit apply to LC Tribal 12H-6-56.



Berry Petroleum Company

Brundage Canyon Field 4000 South 4028 West Rt. 2 Box 7755 Roosevelt, UT 84066

> Ph: (435) 722-1325 Fax: (435) 722-1321 www.bry.com

June 24, 2011

State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P O Box 145801 Salt Lake City, UT 84114-5801

RE: Horizontal Drilling

LC Tribal 12H-6-56 T5S-R6W. U.S.B. & M.

Sec. 7: SHL NE ¼, SE ¼, 2022 FSL, 750 FEL

BHL NW 1/4, SW 1/4, 1981 FSL, 800 FWL

Duchesne County, UT

Pursuant to the filing of Berry Petroleum Company's Application to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-2 pertaining to a temporary 640 acre spacing unit for a horizontal well.

- Tribal Exploration and Development Agreement #2OG-000-5500 (BIA #14-20-H62-5500, which includes all of the subject Section 6 and other lands, allows for the drilling of the LC Tribal 12H-6-56 well. Once drilled, Berry Petroleum Company will earn a BIA Tribal Lease covering 640 acres, further described in the Exploration and Development Agreement.
- The LC Tribal 12H-6-56 will be perforated no less than 660 feet from the Section 7 Tribal Lease boundary, in accordance with R649-3-2(3).

Based on the information provided, Berry Petroleum Company requests that the permit be granted pursuant to R649-3-2. If you should have any questions or need further information, please contact Joe Judd at (972) 464-4915.

Respectfully Submitted

Kathy K!/Fieldsted

Sr. Regulatory & Permitting Technician

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated May 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC TRIBAL 12H-6-56

NE ¼, SE ¼, 2022' FSL 750' FEL, SEC. 6, T5S, R6W, U.S.B.& M.

BHL: Lot #6 NW ¼, SW ¼, 1981' FSL, 800' FWL

Lease: #2OG0005500 Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

Kathy K. Fieldsted

Sr. Regulatory & Permitting Tech

Berry Petroleum Company

4000 South 4028 West

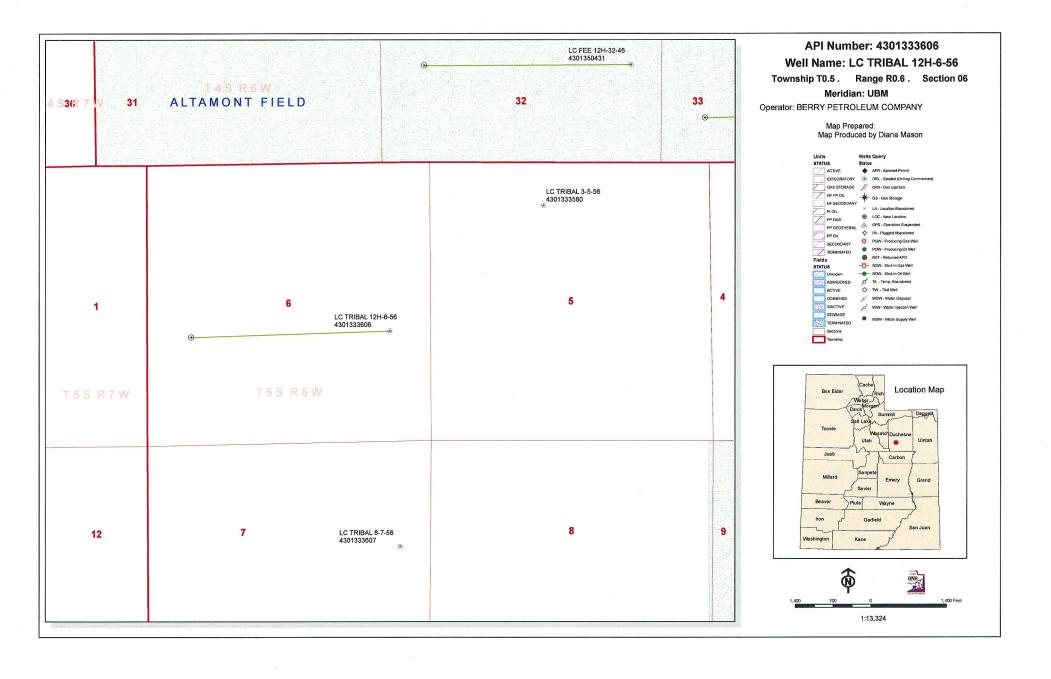
Route 2, Box 7735

Roosevelt, Utah 84066

435-722-1325

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/21/2011	API NO. ASSIGNED: 43-013-33606					
WELL NAME: LC TRIBAL 12H-6-56						
OPERATOR: BERRY PETROLEUM COMPANY (N2480)	PHONE NUMBER: 435-722-1325					
CONTACT: KATHY FIELDSTED						
PROPOSED LOCATION:	INSPECT LOCATN BY: / /					
NESE 06 050S 060W	Tech Review	Initials	Date			
SURFACE: 2022 FSL 0750 FEL WIND BOTTOM: 1981 FSL 0800 FWL	Engineering					
COUNTY: DUCHESNE	Geology					
LATITUDE: 40.07391 LONGITUDE: -110.59461		·				
UTM SURF EASTINGS: 534568 NORTHINGS: 4435	Surface					
LEASE TYPE: 2 - Indian LEASE NUMBER: 14-20-H62-5500 SURFACE OWNER: 4 - Fee	PROPOSED FORMATION: GRRV COALBED METHANE WELL? NO					
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[2] Sta[] Fee[]	LOCATION AND SITING: R649-2-3. * Horizonta C Unit:					
(No. <u>B0005647</u>)	R649-3-2. General					
<u>N</u> Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Wells					
Water Permit	R649-3-3. Exception					
(No. 43-11041)						
RDCC Review (Y/N)	Drilling Unit					
(Date:)	Board Cause No:					
Fee Surf Agreement (Y/N)	Siting:					
NA Intent to Commingle (Y/N)	R649-3-11. Directional Drill					
COMMENTS:						
STIPULATIONS: 1. Educ Carprive O						
2 Space of Stop - modified per BGH						
3- Temporary Spaleng per BGH						
uh						
5 SOB- from original per BOH						
- 200-118411 original per put						



					FER THE STATE OF T	
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9				
		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500				
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7.UNIT or CA AGREEMENT NAME:				
1. TYPE OF WELL Oil Well					. NAME and NUMBER: BAL 9-6-56	
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY			÷		NUMBER: 336060000	
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066 PHONE NUMBER: 303 999-4044 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE				
		STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION	TYPE OF ACTION					
_	ACIDIZE		ALTER CASING		CASING REPAIR	
✓ NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
10/14/2011	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	□ F	RACTURE TREAT		NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	□ F	PLUG AND ABANDON		PLUG BACK	
	PRODUCTION START OR RESUME	□ .	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
	☐ TUBING REPAIR		/ENT OR FLARE		WATER DISPOSAL	
DRILLING REPORT	WATER SHUTOFF		I TA STATUS EXTENSION		APD EXTENSION	
Report Date:	WILDCAT WELL DETERMINATION		OTHER	отн	ER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BERRY PETROLEUM WOULD LIKE TO REQUEST TO CHANGE THE NAME FROM THE LC TRIBAL 9-6-56 TO THE LC TRIBAL 12H-6-56. WE WOULD ALSO LIKE TO REQUEST TO CHANGE THE WELL FROM A VERTICAL TO A HORIZONTAL WELL. A NEW PLAT, DRILLING PROGAM AND DIRECTIONAL PLAN ARE ATTACHED. Approved by the						
Utah Division of Oil, Gas and Mining						
Date: 08-04-11 By: Dall 11 641 44357924 -110.607775						
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	2	TITLE Sr. Regulatory & Permitting Ted	ch.		
SIGNATURE		***************************************	DATE 7/21/2011			

BERRY PETROLEUM COMPANY T5S, R6W, U.S.B.&M. Well location, LC TRIBAL #12H-6-56, located as T4S WEST - 5217.30' (G.L.O.) shown in the NE 1/4 SE 1/4 of Section 6, T5S, T5SR6W. U.S.B.&M., Duchesne County, Utah. BASIS OF ELEVATION Lot 3 Lot 2 Lot 1 Lot 4 BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9. T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES 2578. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET. N00.04'W Lot 5 (C.L.O.) Plastic Cap on Rebar 0.3' High, RLS #4779, Stones, Lathe 5212.68 LC TRIBAL #12H-6-56 Lot 6 Elev. Ungraded Ground = 6462' 800' 750' 3661.00 (Comp.) **Bottom** Hole SCALE (Comp. THIS IS TO CERTIFY THAT THE ABOVE PLAN FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER SUPERVISION AND THAT THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE CAUSE MADE BY ME OR UNDER SUPERVISION AND THE SUPER SUPERVISION AND THAT THE SAME AND TRUE AND CORRECT Lot 7 BEST OF MY KNOWLEDGE AND BELIEF 89'55' / (G.L.O.) (G.L.O.) Rebar 0.3' High, Set Marked Stone, Pile of Stones, 5212.68' (G.L.O.) E-W Fenceline REVISED: 06-13-11 P.M. REVISED: 06-03-11 P.M. UINTAH ENGINEERING & LAND SURVEYING BASIS OF BEARINGS 85 SOUTH 200 EAST -VERNAL UTAH 84078 BASIS OF BEARINGS IS A G.P.S. OBSERVATION. (435) 789-1017 LEGEND: SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000'12-7-06 12-22-06 = 90° SYMBOL NAD 83 (TARGET BOTTOM HOLE) LATITUDE = 40°04'25.77" (40.073825) LONGITUDE = 110°36'29.94" (110.608317) NAD 83 (SURFACE LOCATION) REFERENCES PARTY LATITUDE = 40'04'26.59" (40.074053) LONGITUDE = 110'35'42.87" (110.595242) J.W. B.D. K.G. G.L.O. PLAT PROPOSED WELL HEAD. NAD 27 (TARGET BOTTOM HOLE) NAD 27 (SURFACE LOCATION) WEATHER LATITUDE = 4004'25.92 (40.073867) LATITUDE = 4004'26.74" (40.074094) LONGITUDE = 110'36'27.38" (110.607606) LONGITUDE = 110'35'40.31" (110.594531) = SECTION CORNERS LOCATED. COLD BERRY PETROLEUM COMPANY

BERRY PETROLEUM COMPANY NE ¼, SE ¼, 2022' FSL 750' FEL, SEC. 6, T5S, R6W, U.S.B.& M. BHL: Lot #6 NW ¼, SW ¼, 1981' FSL, 800' FWL Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH * @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	On Surface	
Green River	392'	392'	392
Green River Fouch	824'	824'	824'
Mahogany	1,372'	1,372'	1,372
Tgr3	2,471'	2,471'	2,471'
Douglas Creek	3,270'	3,270'	3,270
Upper Black Shale	3,968'	3,968'	3,968
KOP		•	4,101
Castle Peak	4,189'		4,189
Uteland Butte	4,511'		4,587
UB-2 Marker	4,586'	4,534'	.,
Landing Point	•	,	4,858
Wasatch	4,745		1,000
TD	5,045'		8,034'
Base of Moderate Saline H26	4,932		

PROSPECTIVE PAY: UB-2 is the primary objective

Berry Petroleum Company intends to drill a vertical "pilot hole" 100' – 200' into the Wasatch, obtaining open hole logs in the vertical portion of the wellbore. Once having successfully obtained log data for determination of lateral wellbore placement, Berry Petroleum Company would then plug and abandon the vertical portion of the wellbore from 100' below to +/- 200' above the planned kick off point. Once the cement plug has cured accordingly Berry Petroleum Company would utilize the cement plug to side track the wellbore at kick off point. The lateral portion of the wellbore would then be drilled horizontally through the prospective zone within the Uteland Butte, as identified by open hole logs from the pilot hole.

3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface Intermediate Production Surface	1000° 4858° 8034°	12.25" 8.75" 6.25"	9.625" 7.0" 4.5"	J or K-55 P-110 P-110	ST&C LT&C LT&C	36# 23# 11.6#
9 5/8" Surface Casing	g	Туре	Type III ceme (yield = 1.35 of 100% excess.	nt with addicuft/sx), calc Top out centent with add	ly 480 sx Premitives mixed at 1 ulated hole volument, if required itives mixed at 1	4.8 ppg ime with : 100sx of
Intermediate			Type & Amou	nt		
7" Intermediate Casir	ng		Premium ceme (yield = 3.14 c Tail with appro POZ Premium ppg (yield = 1.	ent with addingth/sx). eximately 28 cement with 46 cuft/sx).	115 sx HOWCO itives, mixed at 30 sx Halliburto a additives mixe we the KOP (tai	11.0 ppg n 50/50 d at 13.5
Production			Type & Amou	nt		
4 ½" Liner			or Packers Plus	s (or equival	this section. Sw ent) will be run te intermediate	to isolate

Note: Top of Tail cement for the intermediate string will be calculated to 1000' above the KOP using gauge hole plus 50% excess. Lead to surface.

4 Mud Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
40' - 1,000'	8.9 - 9.2	26-36	NC	Freshwater Spud Mud Fluid System
1000 - 3000'		26-36	NC	Freshwater with sweeps
3000 - 4858'		42-55	610	Aerated Water PHPA
4858 - TD		45-58	410	Fresh Water PHPA

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at well site. Berry Petroleum Company may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

5 Bop and Pressure Containment Data

Depth Intervals

BOP Equipment

0 - 1000, 1000 - TD

No pressure control required 11" 5000# Ram Type Bop

11" 5000# Annular BOP

- Drilling spool to accommodate choke and kill lines
- Ancillary and choke manifold to be rated @ 5000 psi
- Ancillary equipment and choke manifold rated at 5000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all Bop pressure tests
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this matter.

6 Auxiliary Equipment

- a) Upper Kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

7 Testing, Logging and Core Programs

Cores

None anticipated

Testing

None anticipated; drill system tests may be run on shows of interest

Sampling

30' to 50' samples; surface casing to TD. Preserve samples all show intervals

Surveys

eys MWD as needed to land wellbore

Logging

DIL-GR-SP, FDC-CNL-GR-CALIPER-PE-Microlog, Sonic-GR (all TD to surface)

FMI & Sonic Scanner to be run at geologist's discretion.

Note: All open hole logs would be run on the proposed "pilot hole" portion of the wellbore. FMI and CAL may be run on the lateral portion of the horizontal wellbore at the geologist's discretion.

8 Anticipated Abnormal Pressures and Temperatures

No abnormal temperatures or pressures or other hazards are anticipated. A gas buster will be utilized to handle the aerated mud.

Maximum anticipated bottom hole pressure equals approximately 2253 psi* and maximum anticipated surface pressure equals approximately 1256**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

^{*}Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)

^{**}Maximum surface pressure = A - (0.22xTVD)

Berry Petroleum Company LC Tribal 12H-6-56 Drilling Program
Duchesne County, Utah

9 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W.

10 Drilling Schedule

Anticipated Commencement Date:

Drilling Days: Completion Days: Upon approval of the APD. Approximately 25 days.

Approximately 25 days.

Well Planning Proposal FOR

Berry Petroleum Co. LC Tribal 12H-6-56 Duchesne Co., UT

Well File: Design #1 (6/15/11)

Presented By:

Pat Rasmussen Regional Manager

> Bret Wolford Well Planner







Berry Petroleum Company
Project: Duchesne Co., UT (UT27C)
Site: Sec.6-T55-R6VV
Well: LC Tribal 12H-6-56
Wellbore: Wellbore #1
Design: Design #1
Lat: 40° 4' 26.738 N
Long: 110° 35' 40.312 W
Pad GL: 6462.00
KB: WELL @ 6476.00usft





Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1866 Zone: Utah Central 4302

System Datum: Mean Sea Level



Magnetic North: 11.53* Magnetic Field Strength: 52202,3snT Dip Angle: 65.71°

Azimuths to True North

Date: 06/15/2011 Model: IGRF2010

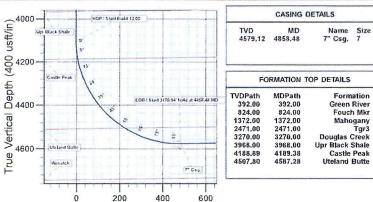
Tgr3

WELL DETAILS: LC Tribal 12H-6-56

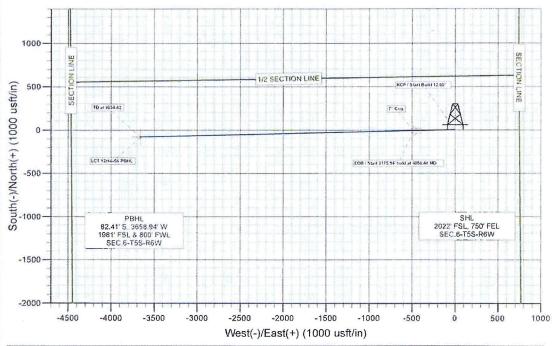
			Ground Level:	6462.00		
+N/-S	+EI-W	Northing	Easting	Latittude	Longitude	Stot
0.00	0.00	635316.358	2253383,427	40° 4' 26.738 N	110° 35' 40.312 W	

WELLBORE TARGET DETAILS (LATILONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	
LCT 12H-6-56 PBHL	4534.00	-82.41	-3658.94	40° 4' 25.921 N	110° 36' 27.382 W	Point	

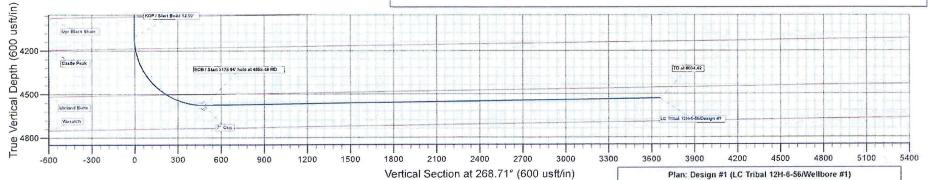


Vertical Section at 268.71° (400 usft/in)



					SEC.	TION DETAIL	S		
MD	inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4101.70	0.00	0.00	4101.70	0.00	0.00	0.00	0.00	0.00	KOP / Start Build 12.00°
4858.48	90,81	268.71	4579,12	-10,90	-484.13	12.00	268.71	484.25	EOB / Start 3175.94' hold at 4858.48 MI
8034.42	90.81	268.71	4534.00	-82.41	-3658.94	0.00	0.00	3659.87	TD at 8034.42

Created By: Bret Wolford Date: 11:03, June 15 2011





Duchesne Co., UT (UT27C) Sec.6-T5S-R6W LC Tribal 12H-6-56

Wellbore #1

Plan: Design #1

Standard Planning Report

15 June, 2011



Planning Report



Database: Company: EDM 5000.1 EDMDBBW Berry Petroleum Company Duchesne Co. UT (UT27C)

Project: Site: Well:

Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #1

Wellbore: Design:

Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well LC Tribal 12H-6-56 WELL @ 6476.00usft

True

Minimum Curvature

WELL @ 6476.00usft

Project

Duchesne Co., UT (UT27C)

Map System:

US State Plane 1927 (Exact solution)

Geo Datum: Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Site

From:

Sec.6-T5S-R6W

Site Position:

Lat/Long

Northing: Easting:

635,316.363 usft

2,253,383,427 usft

Latitude:

Longitude:

40° 4' 26.738 N

Position Uncertainty:

0.00 usft

Slot Radius:

13-3/16"

Grid Convergence:

110° 35' 40.312 W

0.58 °

Well

Well Position

LC Tribal 12H-6-56

+N/-S

0.00 usft

0.00 usft

Northing:

635,316,358 usft 2,253,383 427 usft Latitude: Longitude: 40° 4' 26,738 N

Position Uncertainty

+E/-W

0.00 usft

IGRF2010

Easting:

Wellhead Elevation:

Ground Level:

110° 35' 40.312 W

6,462.00 usft

Wellbore

Wellbore #1

Magnetics

Model Name

Sample Date

06/15/11

Declination (")

Dip Angle (°)

Field Strength

(nT)

52,202

Design

Design.#1

Audit Notes:

Version: Vertical Section: Phase:

4,534.00

PLAN

Tie On Depth:

11.53

0.00

65.71

Depth From (TVD) (usft)

+N/-S (usft) 0.00

+E/-W (usft)

0.00

Direction (*)

268.71

Plan Sections

						Strant et a						
i., .	Measured			Vertical			Dogleg	Bulld	Turn			
	Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Rate	Rate	Rate	TFO		
	(usft)	(°)	(°)	(usft)	(usft)	(usft)	(*/100usft)	(°/100usft)	(°/100usft)	(*)	Target	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		-
	4,101.70	0.00	0.00	4,101.70	0.00	0.00	0.00	0.00	0.00	0.00		٠.
	4,858.48	90.81	268.71	4,579.12	-10.90	-484.13	12.00	12.00	0.00	268.71	LCT 12H-6-56 PBHL	
	8,034.42	90.81	268.71	4,534.00	-82.41	-3,658.94	0.00	0.00	0.00	0.00	LCT 12H-6-56 PBHL	

Planning Report



Database: Company: Project:

Site:

EDM 5000.1 EDMDBBW Berry Petroleum Company Duchesne Co., UT (UT27C)

Sec.6-T5S-R6W

Well: Wellbore: Design: LC Tribal 12H-6-56 Wellbore #1 Design #1 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well LC Tribal 12H-6-56 WELL @ 6476.00usft WELL @ 6476.00usft True

Minimum Curvature

Planned Survey

Measured Vertical Dogleg Build Turn	in the same
Depth Inclination Azimuth Depth +N/-S +E/-W Section Rate Rate Rate (usft) (usf	
(usft) (*) (*) (usft) (usft) (usft) (usft) (vsft) (*7100usft) (*7100usft	
100.00	
100.00) 1
200.00 0.00 0.00 200.00 0.00 0.00 0.00	
300.00 0.00 0.00 300.00 0.00 0.00 0.00	
Green River 392 00 0.00 0.00 392.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	
392 00 0.00 0.00 392.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	,
400.00 0.00 0.00 400.00 0.00 0.00 0.00	ì
500 00 0.00 0.00 500.00 0.00	
600.00 0.00 0.00 600.00 0.00 0.00 0.00	
700.00 0.00 0.00 700.00 0.00 0.00 0.00	
800.00 0.00 0.00 800.00 0.00 0.00 0.00	
Fouch Mkr 824.00 0.00 0.00 824.00 0.00 0.00 0.00 0.00 0.00 0.00	
824.00 0.00 0.00 824.00 0.00 0.00 0.00 0.00 0.00 0.00	,
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Mahogany	
1,372.00 0.00 0.00 1,372.00 0.00 0.00 0.00 0.00 0.00 0.0	j
1,400.00 0.00 0.00 1,400.00 0.00 0.00 0.00 0.00 0.00 0.00	
1,500.00 0.00 0.00 1,500.00 0.00 0.00 0.00 0.00 0.00 0.00	
1,600.00 0.00 1,600.00 0.00 0.00 0.00 0.00 0.00	
1,700.00 0.00 1,700.00 0.00 0.00 0.00 0.00 0.00	
1,800.00 0.00 0.00 1,800.00 0.00 0.00 0.00 0.00 0.00	
1,900.00 0.00 1,900.00 0.00 0.00 0.00 0.00	
2,000.00 0.00 0.00 0.00 0.00 0.00 0.00 0	
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2,400.00 0.00 0.00 2,400.00 0.00 0.00 0.00 0.00 0.00 0.00)
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3,800.00 0.00 0.00 3,800.00 0.00 0.00 0.00 0.00 0.00	
3,900.00 0.00 0.00 3,900.00 0.00 0.00 0.00 0.00 0.00	
Upr Black Shale	
4,000.00 0.00 0.00 0.00 0.00 0.00 0.00 0	

Planning Report



Database: Company: Project: EDM 5000.1 EDMDBBW Berry Petroleum Company Duchesne Co., UT (UT27C) Sec.6-T5S-R6W

Well: Wellbore: Design:

Site:

LC Tribal 12H-6-56 Wellbore #1 Design #1 Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well LC Tribal 12H-6-56 WELL @ 6476.00usft WELL @ 6476.00usft True

Minimum Curvature

Planned Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(usft)	(°)	(°)	(ffeu)	(usft)	(usft)	(usft)	(°/100usft)	(*/100usft)	(°/100usfi)
KOP / Start B	uild 12.00°								
4,101.70	0.00	0.00	4,101.70	0.00	0.00	0.00	0.00	0.00	0.00
4,125.00	2.80	268,71	4,124.99	-0.01	-0.57	0.57	12.00	12.00	0.00
4,150.00	5.80	268.71	4,149.92	-0.05	-2.44	2.44	12.00	12.00	0.00
4,175.00	8.80	268.71	4,174,71	-0.13	-5.61	5.62	12.00	12.00	0.00
Castle Peak	0.50	200.11	4,114,21	70.15	-0,01	5.02	12,00	12.00	0.00
4,189,38	10.52	268.71	4,188 89	-0.18	-8.03	8.03	40.00	12.00	0.00
4,200.00	11.80	268.71	4,199.31	-0.18	-10.08	10.08	12.00 12.00	12.00 12.00	0.00
4,225.00	14.80	268.71	4,223.63	-0.36	-15.83	15.83	12.00	12.00	0.00
4,250.00	17.80	268.71	4,247.63	-0.51	-22.84	22.85	12.00	12.00	0.00
4,275.00	20.80	268.71	4,271.22	-0.70	-31.10	31.11	12.00	12.00	0.00
4,300.00	23 80	268.71	4,294.35	-0.91	-40.58	40.59	12.00	12.00	0.00
4,325.00	26.80	268.71	4,316.95	-1.15	-51.26	51.27	12.00	12.00	0.00
4,350.00	29.80	268.71	4,338.96	-1.42	-63.10	63.12	12.00	12.00	0.00
4,375.00	32.80	268.71	4,360.32	-1.71	-76.09	76.11	12.00	12.00	0.00
4,400.00	35.80	268.71	4,380 97	-2.03	-90.17	90.19	12.00	12.00	0.00
4,425.00	38.80	268.71	4,400.86	-2.37	-105.31	105.34	12.00	12.00	0.00
4,450.00	41.80	268.71	4,419.92	-2.74	-121.47	121.50	12.00	12.00	0.00
4,475.00	44.80	268.71	4,438.11	-3.12	-138.61	138.65	12.00	12.00	0.00
4,500.00	47.80	268.71	4,455,39	-3.53	-156.68	156.72	12.00	12.00	0.00
4,525.00	50.80	268.71	4,471.69	-3.96	-175.62	175.67	12:00	12.00	0.00
4,550.00	53.80	268.71	4,486.98	-4.40	-195.39	195.44	12.00	12.00	0.00
4,575.00	56.80	268.71	4,501.21	-4.86	-215.94	215.99	12.00	12.00	0:00
Uteland Butte						210.00		12.00	0.00
4,587.28	58,27	268,71	4,507.80	-5:10	-226.30	226.36	12.00	12.00	0.00
4,600.00	59.80	268.71	4,514.34	-5.34	-237 20	237.26	12.00	12.00	0.00

4,625.00	62.80	268.71	4,526.35	-5.84	-259.12	259.19	12.00	12.00	0.00
4,650.00	65.80	268.71	4,537.19	-6.34	-281.64	281.71	12.00	12.00	0.00
4,675.00	68 80	268.71	4,546.84	-6.86	-304.69	304.77	12.00	12.00	0.00
4,700.00	71,80	268,71	4,555.27	-7.39 7.00	-328.22	328.30	12.00	12.00	0.00
4,725.00	74.80	268.71	4,562.45	-7.93	-352.16	352.25	12.00	12.00	0,00
4,750.00	77.80	268.71	4,568.37	-8.48	-376.44	376.53	12.00	12.00	0.00
4,775.00	80.80	268,71	4,573.02	-9.03	-400.99	401.09	12.00	12.00	0.00
4,800.00	83.80	268.71	4,576.37	-9.59	-425,76	425.87	12.00	12.00	0.00
4,825.00	86.80	268.71	4,578,42	-10.15	-450.66	450.78	12.00	12.00	0.00
4,850.00	89.80	268.71	4,579.16	-10.71	-475.64	475.76	12.00	12,00	0:00
EOB / Start 31	175.94' hold at 4	858 48 MD - 7"	Cen.						
4,858.48	90.81	268.71	4,579,12	-10,90	-484.12	484.24	12.00	12.00	0.00
4,900.00	90.81	268.71	4,578.53	-11.84	-525.63	525.76	0.00	0.00	0.00
5,000.00	90,81	268.71	4,577,11	-14.09	-625.59	625.75	0.00	0.00	0.00
5,100.00	90.81	268.71	4,575.69	-16.34	-725.56	725.74	0.00	0.00	0.00
5,200.00	90.81	268.71	4,574.26	-18.59	-825.52	825.73	0.00	0.00	0.00
5,300.00	90.81	268.71							
5,400.00	90.81	268.71 268.71	4 572 84	-20.85	-925.49	925.72	0.00	0.00	0.00
5,500.00	90.81	268.71	4,571.42	-23.10	-1,025.45	1,025.71	0.00	0.00	0.00
5,600.00	90.81	268 71	4,570,00 4,568,58	-25.35	-1,125.41	1,125,70	0.00	0.00	0.00
5,700.00	90.81	268.71	4,567.16	-27.60 -29.85	-1,225.38 -1,325.34	1,225 69	0.00	0.00	0.00
						1,325.68	0.00	0.00	0.00
5,800.00	90.81	268.71	4,565.74	-32.10	-1,425.31	1,425.67	0.00	0.00	0.00
5,900.00	90.81	268.71	4,564.32	-34.35	-1,525.27	1,525.66	0.00	0.00	0.00
6,000.00	90.81	268.71	4,562.90	-36.61	-1,625.24	1,625.65	0.00	0.00	0.00
6,100.00	90.81	268.71	4,561.48	-38.86	-1,725.20	1,725.64	0.00	0.00	0.00
6,200.00	90.81	268.71	4,560.06	-41.11	-1,825.17	1,825.63	0.00	0.00	0.00
6,300.00	90.81	268.71	4.558 64	-43.36	-1.925.13	1,925.62	0.00	0.00	0.00

Planning Report



Database: Company: Project: EDM 5000.1 EDMDBBW Berry Petroleum Company Duchesne Co., UT (UT27C)

Sec.6-T5S-R6W

Well: Wellbore: Design:

Site:

LC Tribal 12H-6-56 Wellbore #1 Design #1 Local Co-ordinate Reference: TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well LC Tribal 12H-6-56 WELL @ 6476.00usft WELL @ 6476.00usft

True

Minimum Curvature

Planned Survey

Measured			Vertical			Vertical	Dogleg	Bulld	Turn
Depth	Inclination	Azlmuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)
6,400.00	90.81	268.71	4,557 22	-45.61	-2,025.10	2,025.61	0.00	0.00	0.00
6,500.00	90.81	268.71	4,555.80	-47.86	-2,125.06	2,125.60	0.00	0.00	0.00
6,600.00	90.81	268.71	4,554.38	-50.12	-2,225.02	2,225 59	0.00	0.00	0.00
6,700.00	90.81	268.71	4,552.96	-52.37	-2,324.99	2,325.58	0.00	0.00	0.00
6,800.00	90.81	268.71	4,551.53	-54,62	-2,424.95	2,425.57	0.00	00.0	0.00
6,900.00	90.81	268.71	4,550.11	-56 87	-2,524.92	2,525.56	0.00	0.00	0.00
7,000.00	90.81	268.71	4,548.69	-59.12	-2,624.88	2,625.55	0.00	0.00	0.00
7,100.00	90 81	268.71	4,547.27	-61.37	-2,724.85	2,725.54	0.00	0.00	0.00
7.200.00	90.81	268,71	4,545.85	-63.63	-2,824.81	2,825,53	0.00	0.00	0.00
7,300.00	90 81	268.71	4,544,43	-65.88	-2,924.78	2,925 52	0.00	0.00	0.00
7,400.00	90.81	268.71	4,543.01	-68.13	-3,024.74	3,025.51	0.00	0.00	0.00
7,500.00	90.81	268.71	4,541,59	-70.38	-3,124.71	3,125.50	0.00	0.00	0.00
7,600.00	90.81	268.71	4,540.17	-72.63	-3,224.67	3,225.49	0.00	0.00	0.00
7,700.00	90.81	268.71	4,538.75	-74.88	-3,324.63	3,325.48	0.00	0.00	0.00
7,800.00	90.81	268.71	4,537.33	-77.13	-3,424.60	3,425.47	0.00	0.00	0.00
7,900.00	90.81	268.71	4,535,91	-79.39	-3,524.56	3,525,46	0.00	0.00	0.00
8,000.00	90.81	258.71	4,534 49	- 81,64	-3,624.53	3,625.45	0.00	0.00	0.00
TD at 8034.4	2 - LCT 12H-6-5	6 PBHL							
8,034,42	90.81	268.71	4,534.00	-82.41	-3,658.94	3,659.87	0.00	0.00	0.00

Design Targets

Target Name									
- hit/miss target D - Shape	ip Angle D (°)	ip Dir. (°)	(frau)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LCT 12H-6-56 PBHL - plan hits target center	0.00	0.00	4,534.00	-82.41	-3,658.94	635,196.909	2,249,725.510	40° 4' 25.921 N	110° 36' 27.382 W

Casing Points

Measured	Vertical	Casing	Hole
Depth	Depth	Diameter I	Diameter
(usft)	(usft)	Name (")	(")
4,858.48	4,579.12 7" Csg.		8-3/4

Formations

Depth	Depth		Dîp	Direction
(usft)	(usft)	Name	Lithology (°)	(°)
392.00	392.00	Green River	-0.81	268.71
824.00	824.00	Fouch Mkr	-0.81	268.71
1,372.00	1,372.00	Mahogany	-0.81	268 71
2,471.00	2,471.00	Tgr3	-0.81	268 71
3,270.00	3,270.00	Douglas Creek	-0.81	268.71
3,968.00	3,968.00	Upr Black Shale	-0.81	268.71
4,189.38	4,189.00	Castle Peak	-0.81	268.71
4,587.28	4,511.00	Uteland Butte	-0.81	268.71

Planning Report



Database: Company: Project:

Site:

WeB:

EDM 5000.1 EDMDBBW Berry Petroleum Company Duchesne Co., UT (UT27C)

Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #1

Wellbore: Wellbore #
Design: Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well LC Tribal 12H-6-56 WELL @ 6476.00usft WELL @ 6476.00usft

True

Minimum Curvature

Plan Annotations

ħ	feasured	Vertical	Local Coord	Instee	그는 현대를 하는 하다고 있는 요즘 하다 하는 사람들이 하면 없었다.
	Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
	4,101.70	4,101.70	0.00	0.00	KOP / Start Build 12.00°
	4,858.48	4,579.12	-10.90	-484.13	EOB / Start 3175.94* hold at 4858.48 MD
	8,034.42	4,534.00	-82.41	-3,658.94	TD at 8034.42



Geologic Prognosis

Field Name Lake Canyon

Depin @ BHL TVD (ftKB)

Renew APD BLM Renew

Measured Depth (ftKB)

County	APO State
Duchesne	Utah
Ground Elevation (ftKB)	!Onginal KB Elevation (ftKB)

Well Name: 12H-6-56

Estimated Drill Time: 8

6/6/2011

Prepared: Prognosis

Formation

WSN:
WSN
50153

Permit Status
Permit Status
WO SURVEY

SHL:				
Surface Legal Location	N/S Dist (ft)	N/S Ref	EM Dist (ft)	E/W Ret
NESE Sec 6 T5S-R6W	2,022.0	S	750.0	E
BHL:				
Bottem Hole Legal Location	NS Dist (ft)	NS Flag	EW Dist (ft)	EW Frag
Sec 6 T5S-R6W	1.981.0	S	800.0	W

Comment

Depth @ SHL TVD (nKB)

Vertical pilot will be drilled at surface location approximately 300' into the Wasatch; then plugged back to KOP for horizontal leg. The lateral portion of the wellbore would then be drilled horizontally through the prospective zone within the Uteland Butte, as identified by open hole logs from the pilot hole.

	Formation	Depth @	SHLTVD (hKB)		Depth @ BHL TVD (ftKB)	Measured Depth (ftKB)					
Uinta		į		0	C		0 392				
Green River				392		392					
Green River Fouch Mkr				824	824	+	824				
Mahogany			1	1,372	1,372	2	1,372				
Tgr3			2	2,471	2,471	İ	2,471				
Douglas Creek			3	3,270	3,270)	3,270				
Upper Black Shale			3	3,968	3,968	s	3,968				
KOP							4,101				
Castle Peak			4	1,189			4,189				
Uteland Butte			4	1,511			4,587				
UB-2 MARKER			4	1,586	4,534	· l					
LANDING POINT							4,858				
Wasatch			4	745			ļ				
TD			5	5,045			8.034				
Base of Moderate Salin	Base of Moderate Saline H2O				4,932						
Prospective Pay:UB-2 is	s the primary objective										
Core Program											
Туре		Comme	nt			Top (ftKB)	Btm (ftKB)				
Coring	None						<u> </u>				
Drill Stem Tests	4										
Туре		Comme	nt	-		Top (fiKB)	Btm (ftKB)				
DST Data	None	and the state of t				page / - page proper page and the second sec	<u> </u>				
Mud Logging											
Туре		Comme	nt			Top (ftKB)	8tm (ftKB)				
Mud Logging	Two-man unit on lateral leg										
Logging Program			.,			T (6)/5)	Bim (ftKB)				
Type	Triple Combo on Vertical Pilot.	Comment Top (ftKB)									
OH Logging	Triple Combo and FMI on lateral at g	geologist's dis	cretion.								
Surveys	MWD as needed to land wellbore.		SHL Lat Lo	na Surve	· · · · · · · · · · · · · · · · · · ·	MARKET A. III MATERIAL CONTRACTOR	1				
BOP Requirement	ts: 2M	territorial de la constitución d	SHL Lat Long Survey Datum [Latitude (DMS) [Longit			ongitude (DMS)	gitude (DMS)				
	Est Days		NAD 27 4	10° 4' 26.0	02" N 1	10° 35' 40.77"	W				

Comment

Comp Time: 10 days

Created: June 6, 2011 - (JLP) Formation tops for vertical pilot and horizontal Uteland Butte test.

BHL Lat Long Survey
Lat/Long D | Latitude (DMS)
NAD 27 | 40° 4' 24.98" N

Longitude (DMS)

110° 36′ 28.33″ W

	STATE OF UTAH		FORM 9			
	DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500			
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE			
	sals to drill new wells, significantly deeper igged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56			
2. NAME OF OPERATOR:			9. API NUMBER:			
BERRY PETROLEUM COMPANY 3. ADDRESS OF OPERATOR:		ONE NUMBER:	43013336060000 9. FIELD and POOL or WILDCAT:			
4000 South 4028 West Rt 2 B	ox 7735 , Roosevelt, UT, 84066	303 999-4044 Ext	UNDESIGNATED			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSHI	(P, RANGE, MERIDIAN: Township: 05.0S Range: 06.0W Meridian:	U	STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME			
Approximate date work will start:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION			
·	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL			
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION			
8/30/2011	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:			
PLEASE NOTE THAT	MPLETED OPERATIONS. Clearly show all pe THE LC TRIBAL 12H-6-56 WA FURTHER ACTIVITY HAS TAK	AS SPUD ON MAY 20, 2011 XEN PLACE. V Oi	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY			
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	TITLE Sr. Regulatory & Permitting Te	ch.			
SIGNATURE		DATE				
N/A		8/30/2011				

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURC		5.LEASE DESIGNATION AND SERIAL NUMBER:		
	DIVISION OF OIL, GAS, AND MI	NING	14-20-H62-5500		
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE			
Do not use this form for proposition not use this form for such proposals.	n existing wells below current Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL			8. WELL NAME and NUMBER:		
Oil Well			LC TRIBAL 12H-6-56		
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY			9. API NUMBER: 43013336060000		
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B	РНО ох 7735 , Roosevelt, UT, 84066	ONE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED		
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE		
2022 FSL 0750 FEL			DUCHESNE		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 06	Township: 05.0S Range: 06.0W Meridian:	U	STATE: UTAH		
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TYPE OF SUBMISSION		TYPE OF ACTION			
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME		
Approximate date work will start:	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	□ NEW CONSTRUCTION		
Date of Work Completion:	_				
	OPERATOR CHANGE	L PLUG AND ABANDON	☐ PLUG BACK		
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL		
✓ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION		
9/26/2011	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:		
			,		
	OMPLETED OPERATIONS. Clearly show all per THE LC TRIBAL 12H-6-56 WA				
	FURTHER ACTIVITY HAS TAK		•		
			Accepted by the		
			Utah Division of		
		Oi	I, Gas and Mining		
		FOF	R RECORD ONLY		
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBER 435 722-1325	TITLE Sr. Regulatory & Permitting Te	ech.		
SIGNATURE	-132 / ZZ 13ZJ	DATE	-		
N/A		9/26/2011			

	STATE OF UTAH	050	FORM 9
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUND	RY NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
Do not use this form for proposottom-hole depth, reenter plu DRILL form for such proposals.	7.UNIT or CA AGREEMENT NAME:		
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QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 06	IP, RANGE, MERIDIAN: Township: 05.0S Range: 06.0W Meridian	n: U	STATE: UTAH
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NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
11/6/2011	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
			New construction
SUBSEQUENT REPORT Date of Work Completion:	<u> </u>	☐ FRACTURE TREAT	
	OPERATOR CHANGE	☐ PLUG AND ABANDON	LI PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	\square si ta status extension	☐ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIPE PROPOSED OR SO	MANUETED OPERATIONS Should be as all as		
	OMPLETED OPERATIONS. Clearly show all p VOULD LIKE TO REQUEST TH		
DERIKI TETROLLOTT V	CHANGED TO CONFIDEN		
			Accepted by the
			Utah Division of
			il, Gas and Mining
		FOI	R RECORD ONLY
NAME (DI TAGE DOTTE)			
NAME (PLEASE PRINT) Kathy K. Fieldsted	PHONE NUMBE 435 722-1325	R TITLE Sr. Regulatory & Permitting To	ech.
SIGNATURE N/A		DATE 10/28/2011	

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500		
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10/27/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
PLEASE NOTE THAT	MPLETED OPERATIONS. Clearly show all per THE LC TRIBAL 12H-6-56 WAS FURTHER ACTIVITY HAS TAKI	S SPUD ON MAY 20, 2011 EN PLACE.	Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY		
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant			
SIGNATURE	453 /22-1323	DATE			
N/A		10/27/2011			

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500		
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NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBER 435 722-1325	TITLE Regulatory Assistant			
SIGNATURE	453 /22-1323	DATE			
N/A		10/27/2011			



RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

CONFIDENTIAL

November 12, 2011

43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: Spud notice

Begin at approx. 5:00 pm on Sunday November 12, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely, Kim D. Gritz Drilling Consultant

> RECEIVED NOV 1 5 2011



CONFIDENTIAL

RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

November 16, 2011

43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: BOP test.

Begin at approx. 11:30 pm on Wednesday October 16, 2011

Lake Canyon Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely George Urban Drilling Consultant

RECEIVED

NOV 1 6 2011



CONFIDENTIAL

RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

November 15, 2011

43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: cement 9 5/8 casing.

Begin at approx. 7:00 pm on Tuesday November 15, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely, George Urban Drilling Consultant

RECEIVED NOV 1 5 2011



CONFIDENTIAL

RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

November 21, 2011

43-013- 33606 LC Tribal 124-6-56

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: Set cement plug.

Begin at approx. 22:00 pm on Tuesday November 21, 2011

L C

Lake Canyon Tribal 12H-6-56 2022' FSL, 750' FEL NESE

Section 6 T5S R6W

Lease # 1420H625500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely, George Urban Drilling Consultant

> RECEIVED NOV 2 2 2011



CONFIDENTIAL

RT 2 Box 7735 3846 S Hwy 40 Roosevelt, Utah (435) 722-1325

November 26, 2011

43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: Cement Intermediate casing.

Begin at approx. 5:30 pm on Sunday November 27, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely George Urban Drilling Consultant

> RECEIVED NOV 2 9 2011



CONFIDENTIAL Roosevelt, Utah

RT 2 Box 7735 3846 S Hwy 40 (435) 722-1325

December 7, 2011

43-013-33606

State of Utah OG&M Carol Daniels Salt Lake City, Utah

Re: Running 4 1/2" Production liner

Begin at approx. 08:00 am on Thursday December 8, 2011

ςμη (ω 2022 750 LC Tribal 12H-6-56 2424 FSL, 753 FEL NESE

Section 6 T5S R6W

Lease # 14-20H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely, Kim D. Gritz **Drilling Consultant**

> RECEIVED DEC 07 2011

SUNDE Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals 1. TYPE OF WELL Oil Well 2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY 3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 B 4. LOCATION OF WELL	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE 7.UNIT OF CA AGREEMENT NAME: 8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56 9. API NUMBER: 43013336060000 9. FIELD and POOL OF WILDCAT: UNDESIGNATED COUNTY:				
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 06	IP, RANGE, MERIDIAN: Township: 05.0S Range: 06.0W Meridian		ATURE OF NOTICE REPORT	STATE: UTAH	ESNE :
TYPE OF SUBMISSION	CK APPROPRIATE BOXES TO INDICA	AIEW	TYPE OF ACTION	OR OT	ner data
	□ ACIDIZE □ CHANGE TO PREVIOUS PLANS □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION DMPLETED OPERATIONS. Clearly show all performation of the companies o	((((((((((-	OTH	IER:
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMBE 435 722-1325	R	TITLE Regulatory Assistant		
SIGNATURE N/A			DATE 12/19/2011		

Berry Daily Drilling Report

Report Date: 11/7/2011

Report #: 1, DFS:

Well Name: LC TRIBAL 12H-6-56 Depth Progress:											gress:							
API/UWI 430133360											AFE Number	32038		Total AFE	Amoun	t		
Spud Date	36000	<u> </u>	1								Daily Cost			Cum Cos	Cum Cost To Date			
11/14/20			12/10/2011 6:00:00 AM 20.00 6,462 Operations Next 24 Hours									16, Daily Mud Cost	905		16,905 Mud Additive Cost To Date			
Rig down & prepare to mob to LCT 12H-6-5-6 Rig down & prepare to mob. to LCT 12H-6-56											Wide Additive Cost to Date				it to bate			
Operations Summary Rig down& prepare to mob. to LCT 12H-6-56										Depth Start (ftK	B) 0		Depth En	d (ftKB) 0				
Remarks				0 00									Depth Start (TV	-		Depth En	-	
Saftey Med Weather	eting:	Rigging do	own Temperatu	re (°F)		Road Co	ndition			Hole Cor	ndition		Target Formatio	n		Target De	pth (ftK	B)
Partly Clou	ıdy			28.0		Dry				Condu	ctor		Uteland But				4,5	,
Casing Descri			Depth (ftKB)	OD (in)	Cor	nment							Daily Conta	acts b Contac	;t		1	Mobile
Conductor			92	14	14	" Condu	ictor se	et by Leo	n Ro	SS.			Kim D. Gritz				35-823	
Time Log													Chad D. Be	ath		86	66-910)-9236
Start Time E	nd Time 6:00		Ria Un 8	Operation Operation			Ria	down &	prep	Comme are to m		LCT	Contractor			Riç	g Numbe	
10.00	0.00	12.00	i tig op c	roal Bott				1-6-56	ріор	aro to 11	100. 10	, 201	Patterson - Mud Pumps					779
Mud Chec	:ks												# 1, Maxun	n, M -1	000			
Туре		me	Depth	(ftKB)	Density (lb/	/gal)	Vis (s/qt)		PV Ca	alc (cp)	Yiel	d Point (lbf/100ft²)	Pump Rating (h 1,000.0		d Diame	eter (in)	Stroke	Length (in) 10.12
Gel (10s) (lbf/	100f	Gel (10m) (lbf/	10 Gel (3	30m) (lbf/10	Filtrate (m	nL/30min)	Filter Ca	ake (/32")	рН			Solids (%)	Liner Size (in)			Vol/Stk O	R (bbl/s	
MBT (lb/bbl)		ercent Oil (%) Parce	ent Water (%)	Chlorides	(ma/L)	Calcium	n (mg/L)	KCI	_ (%)		Electric Stab (V)	Pressure (psi)	Slow Sp	d	Strokes (s	spm)	Eff (%)
, ,												. ,		Ň	0			. ,
CEC for Cuttir	ngs	Whole Mud	d Add (bbl)	Mud Lost to	Hole (bbl)	Mud Los	t (Surf) (b	obl) Mud	Vol (R	Res) (bbl)	Mud	Vol (Act) (bbl)	# 2, BOMC Pump Rating (h		000 od Diame	eter (in)	Stroke	Length (in)
Air Data													1,000.0			. ,		10.12
Parasite ACFN	√ (ft³/mir	n) Dri	Ilpipe ACFM	(ft³/min)	ECD Bit (lb/	(gal)		ECD Para	asite (I	lb/gal)			Liner Size (in)			Vol/Stk O	R (DDI/S	ik)
													Pressure (psi)	Slow Sp		Strokes (s	spm) E	Eff (%)
Gls Injected do			ted in 24	hr Period gls Injected	n Mud (gal))		gls B	iocide	Injected in	n Mud (g	gal)	Mud Additiv	ve Amo	-			
													Desc	cription		Consu	ımed	Daily Cost
Drill String	gs												Job Supplie	es				
Bit Run Drill	Bit				I/A	ADC Bit Di	ull				TFA (ir	ncl Noz) (in²)	Supply Item Description Unit Label					
											,	, , ,						
Nozzles (/32")								String Leng	gth (ft)	String W	t (1000I	bf) BHA ROP (ft	Total Received Total Consumed Total Returned					
Drill String	g Con	ponents								'			Diesel Fuel		umptio	n	0	
					Lobe		,	Bit-Ben		min gpm	max gpm (gpm)		Di	ate			Consu	mea
Jts	item De	scription	OD (in) Len (f	() COIII(Stages	rpm/gpi	m (ft)		(gpm)	(9P)	SN						
Drilling Pa		ters t (ftKB)	Donth End	(ftKB) Cum [Conth (ft)	Drill Time	(hro)	Cum Drill T	imo	Int DOD	(ft/hr)	Flow Rate (gpm)	1					
vveiibore		,	Deptil Ella	(IIKB) Cuill I	Deptii (it)	Dilli Tillie	,				,	Flow Rate (gpill)						
WOB (1000lbf	f) RPI	M (rpm)	SPP (psi)	Rot H	_ (1000lbf)	PU HL (1	000lbf)	SO HL (100	00lbf)	Drilling T	orque	Off Btm Tq						
Q (g inj) (ft³/	Motor	RPM (rpm)	T (Inj) (°F)	P (BH Ar	ın) (T (b	h) (°F)	P(Surf /	Ann) T (s	surf ar	nn) Q (I	iq rtrn) (g Q (g return)	1					
Deviation	Surve	evs											-					
All EMWD	Surv	eys						I I.										
Azim Date 268 11/	15/20°	Descript 11 All EN	_{ion} IWD Surv	reys		-	WTie In 0.00	. Inclin 1 0.00		e In (ft 1 .00	0.00							
Survey Da		Incl (°)	1 Azm (%)	TVD	(HVD)	l NC	/f+\	E\\\ /#	+\		/f+\	DI S (%/100ft)						
IVID (IIK	D)	Incl (°)	Azm (°)	TVD	(IIND)	NS	(11)	EW (f	i)	VS	(11)	DLS (°/100ft)	1					
								R	EC	EIVE	D	Dec. 19,	2011					
									_									

Berry Daily Drilling Report

Report Date: 11/8/2011 Report #: 2, DFS:

100	AIR	V	/ell	Nam	ne:	LC TF	RIBAL	12H-6	5-56											gress:	
API/U		60600	100			face Legal	Location 6 T5S-I	P6\//	Spud Da 10/05/	te Notice)		APD Sta	e		AFE Number	032038	Total AF	Amoun	t	
Spud		00000	,00		Rig	Release D	Date		1	ınd Distai	nce (ft)		Ground E	levatio	n (ftKB)	Daily Cost	032030	Cum Cos	st To Date	е	
				00 AM	1	2/10/20)11 6:00:	00 AM	0		.00			6	,462		5,905	Marial Anda	33,8	t To Date	
		at Repo			ob to	LCT 12	H-6-5-6			ons Next 2 on rig -			re f/ Mob	. to L	CT 12H -6-56	Daily Mud Cos	Į.	IVIUG AGG	live Cos	i to Date	
		Summa				LOT 40	11.0.50	O		D.			:			Depth Start (ftl		Depth Er	Depth End (ftKB)		
															winterized, 'elders worke	Depth Start (T	O /D) (ftKB)	Depth Er	•		
on a	udit	list all	day	•		,	•		·							T 15			1 (616	2)	
Rema		ooting	. Di	aging (down	12" gag	sbuster li	noc & f	lowling							Target Formati Uteland Bu		larget D	epth (ftKl 4,53	,	
Weath	•	CCIIIIQ	j. 1XI	ggirig		nperature (1103 & 1	Road Co	ondition			Hole Cor	dition		Daily Cont					
		oudy					25.0		Wet				Condu	ctor		Kim D. Grit	ob Contact	4	۱ 35-823	Mobile R-1921	
		sing S cription	et	Se	et Deptl	h (ftKB)	OD (in)	C	omment							Chad D. Be			66-910		
Cond	ducto	or				92	14	1 1	4" Condi	uctor se	et by L	eon R	oss.			Rigs					
Time	e Lo	g														Contractor Patterson -	UTI	R	g Numbe	er 779	
Start 7		End Til		Dur (hrs	,	ılln & T	Opera ear Dow			Co	nt rigo	ina da	Comme		nterized,Mud	Mud Pump	s				
00.0		10.00		12.0	l Kig	, op a i	cai Dow	111		tan	ks clea	aned, (Gas bust	er rea	dy to lay over	, # 1, Maxu Pump Rating (m, M-1000 hp) Rod Dian	neter (in)	Stroke	Length (in)	
	Sub- scoped down, BOP preped f/ hauling. Welders worked on audit list all day.											1,000.0		ietei (iii)	Stroke	10.12					
40.0	_	00.00		40.0	0 :	-4!· · -								ilot	iii uay.	Liner Size (in)	1	Vol/Stk C	R (bbl/st	tk)	
18:0	U	06:00		12.0	0 ina	ctive				Cre	ews on	daylig	Ints			Pressure (psi)	Slow Spd	Strokes (spm) [Eff (%)	
Mud Type	Che	ecks	Time	,		Depth (ftk	(B)	Density (I	b/gal)	Vis (s/qt)		PV C	alc (cp)	Yie	ld Point (lbf/100ft ²)	No				
							, l		-	,			aio (op)		,	Pump Rating (neter (in)	Stroke	Length (in)	
Gel (1	0s) (lb	of/100f	. Gel	(10m) (II	bf/10	Gel (30n	n) (lbf/10	Filtrate	(mL/30min)	Filter C	Cake (/32	") pH			Solids (%)	1,000.)	h. 11011 6		10.12	
MBT (lb/bbl))	Per	cent Oil ((%)	Percent	Water (%)	Chloride	es (mg/L)	Calciur	m (mg/L)	KC	CL (%)		Electric Stab (V)	Liner Size (in)		Vol/Stk C	IK (DDI/SI	(K)	
CEC f	or Cut	tings	<u> </u>	Whole M	lud Add	l (bbl) N	flud Lost to	Hole (bbl)	Mud Los	st (Surf) (I	bbl) N	lud Vol (Res) (bbl)	Mu	d Vol (Act) (bbl)	Pressure (psi)	Slow Spd No	Strokes (spm) E	Eff (%)	
Air [)ata																ive Amounts		umed	Daily Cost	
																	, on paid in	00.10	411104	Daily Cost	
Parasi	te AC	FM (ft³/ı	mın)		rillpipe	ACFM (ft ³	f/min) I	ECD Bit (I	b/gal)		ECD	Parasite	(lb/gal)			Job Suppl	ies				
					cted	in 24hr										Supply Item De	escription			Unit Label	
gls Inj	ected	down P	arasi	e (gal)		gl	ls Injected i	n Mud (ga	al)		g	ls Biocid	e Injected ir	Mud (gal)	Total Received	Total Con	cumad	Total	Returned	
D.::II	C4!															Total Neceived	Total Col	Sumeu	lotari	veturrieu	
Drill	SIII	iigs															l Consumpt	ion	Consu	mod	
Bit Ru	n Dr	ill Bit							IADC Bit D	ull				TFA (i	ncl Noz) (in²)		Date		Consu	illeu	
Nozzle	es (/32	2")									String L	ength (f	t) String W	(1000	lbf) BHA ROP (ft						
Drill	Stri	na Ca	mn	onent	<u> </u>																
<u> </u>	<u> </u>	ng oc	лр	OHOH.				Lak			Dia	Dand 4		max gpm							
Jts		Item I	Descr	iption		OD (in)	Len (f	t) Lot	fig Stages	rpm/gp		(ft)	min gpm (gpm)	(gpm)	SN						
D			4 -																		
Wellbo		Paran	tart (Dep	oth End (ftl	KB) Cum [Depth (ft)	Drill Time	e (hrs)	Cum Di	rill Time	Int ROP	(ft/hr)	Flow Rate (gpn	1)					
WOB	(1000	lbf) R	PM (rpm)	SPE	P (psi)	Rot HI	_ (1000lbf) PU HL (1000lbf)	SO HL	(1000lbf) Drilling To	oraue	Off Btm Tq						
				M (rpm)		nj) (°F)	P (BH Ar			,					(g Q (g return) .	<u></u>					
		n Sur D Sur	•																		
Azim	. Da			Descri		Survey	/S		E	WTie In	Inclin		ie In (ft 1 0.00	ISTie I 0.00	n TVDTie In (ft 0.00						
Surv	rey [MD (f			Incl (°)	l A	zm (°)	TVD (ftKB)	l NS	i (ft)	l EV	V (ft)	VS	(ft)	DLS (°/100ft)						
	,	,		()		()		,		,		()		,	,						
															_						
												REC	CEIVE	D_	Dec. 19,	2011					

Berry Daily Drilling Report

Report Date: 11/9/2011
Report #: 3. DFS:

Report #: 3, DFS: Depth Progress:

21114	y vv	en name		RIBAL 12										Depth Pr	•	
API/UWI 4301333	360600	00	NESE S	gal Location ec 6 T5S-R6	W 10/05				APD State Utah			AFE Number C11 032	2038	Total AFE Amou		
Spud Date 11/14/2	2011 1:	30:00 AM	Rig Release 12/10/2	Date 2011 6:00:00		and Distand 20.0	. ,		Ground Elev	vation (ft 6,46		Daily Cost 24,15	60	Cum Cost To Da	te 960	
Operations Mob. to						ons Next 24		s Mov	ving rig W	.8 hal	Camps	Daily Mud Cost		Mud Additive Co	st To Date	
Operations					Thurs		211-0-30	J. 1VIO	villig rig vv	veu. a	Сатрз	Depth Start (ftKB)		Depth End (ftKB	•	
Rig dow	n & pre		o. to LCT	12H-6-56. Co	ont. rigging d	own. We	elders w	orked	d on audit	list all	day. Rig	Depth Start (TVD)	(ftKB)	Depth End (TVD	, ,	
Remarks Saftey M	1eetina	Rig move	w/ WestRi	ocTrucking C	Company							Target Formation Uteland Butte		Target Depth (fth	<в) 5 34	
Weather	10011119	. rug movo	Temperatur	e (°F)	Road Co	ondition			Hole Condit			Daily Contact	S Contact	<u>'</u>	Mobile	
Clear Last Ca	sina Sa	ot .		15.0	Dry				Conducte	or		Kim D. Gritz	Joniaci	435-82		
Casing Des	scription		Depth (ftKB)	OD (in)	Comment		. b l. o.o	n Dos				Chad D. Beath	1	866-910-9236		
Conduct	.01		92	14	14" Cond	uctor ser	by Leo	III KUS	55.			Rigs Contractor		Rig Numb	per	
Time Lo Start Time		ne Dur (hrs)		Operation	n				Comment			Patterson - UT	1		779	
06:00	14:00	. ,	Rig Up &	Tear Down		3		pre-p	are to mo	b. to L	_CT	Mud Pumps # 1, Maxum,	M-1000			
14:00	18:00	4 00	Repair R	ia			-6-56. ders wo	rkina	on audit l	ist fro	Patterson	Pump Rating (hp) 1,000.0	Rod Diam	eter (in) Strok	te Length (in)	
14.00	10.00	4.00	rtopali rt	'Y		Safe a "w	ety Dept alk arou	. Repa	airing har the BOP i	ndrails, in the s	, Installing sub.	Liner Size (in)		Vol/Stk OR (bbl/s	-	
									on moving in variou			Pressure (psi) Sl	ow Spd No	Strokes (spm)	Eff (%)	
									dders/stai			#2, BOMCO,				
18:00	06:00	12.00	inactive			Wor	king day	ylights	s only.			Pump Rating (hp) 1,000.0	Rod Diam	eter (in) Strok	te Length (in)	
Mud Ch	ecks					'						Liner Size (in)		Vol/Stk OR (bbl/s		
Туре		Time	Depth (·	nsity (lb/gal)	Vis (s/qt)		PV Cal	c (cp)	Yield P	oint (lbf/100ft²)	Pressure (psi) SI	ow Spd	Strokes (spm)	Eff (%)	
Gel (10s) (I	bf/100f	Gel (10m) (lbf/	10 Gel (3	0m) (lbf/10 Fi	Itrate (mL/30min)	Filter Ca	ke (/32")	рН		Solid	ds (%)	Mud Additive				
MBT (lb/bb	l)	Percent Oil (%) Percer	nt Water (%) Cl	hlorides (mg/L)	Calcium	(mg/L)	KCL	(%)	Elec	tric Stab (V)	Descript		Consumed	Daily Cost	
CEC for Cu	ıttings	Whole Mud	I Add (bbl)	Mud Lost to Hol	e (bbl) Mud Los	st (Surf) (bb	ol) Mud	Vol (Re	es) (bbl)	Mud Vo	I (Act) (bbl)	Job Supplies				
Air Data	l											Supply Item Descri	ption		Unit Label	
Parasite AC	CFM (ft³/m	nin) Dril	lpipe ACFM ((ft³/min) ECI	D Bit (lb/gal)		ECD Par	asite (lb	/gal)			Total Received	Total Cons	sumed Total	Returned	
		bitor Inject	ed in 24h									Diesel Fuel C				
gls Injected	I down Pa	arasite (gal)		gls Injected in M	lud (gal)		gls E	Biocide I	Injected in M	lud (gal)		Date		Cons	umed	
Drill Str	ings															
Bit Run D	rill Bit				IADC Bit D	Pull			TF	FA (incl N	Noz) (in²)					
Nozzles (/3	2")					5	String Len	gth (ft)	String Wt (1	1000lbf)	BHA ROP (ft					
Drill Str	ing Co	mponents							' .	may						
Jts	Item D	escription	OD (in)	Len (ft)	Lobe config Stages	rpm/gpm			nin gpm 9	nax gpm gpm)	SN					
Drilling	Param	eters														
Wellbore		art (ftKB)	Depth End	(ftKB) Cum Dep	th (ft) Drill Tim	e (hrs)	Cum Drill	Γime	Int ROP (ft/f	hr) Fi	low Rate (gpm)					
WOB (1000	Olbf) RI	PM (rpm)	SPP (psi)	Rot HL (1	000lbf) PU HL (1000lbf)	SO HL (10	00lbf)	Drilling Torq	que O	off Btm Tq					
Q (g inj) (ft ³	3/ Moto	or RPM (rpm)	T (Inj) (°F)	P (BH Ann) (T (bh) (°F)	P(Surf A	nn) T (surf anr	n) Q (liq r	rtrn) (g	Q (g return)					
Deviation		•														
Azim Da		Descripti	on WD Surve	eys	E	WTie In 0.00	Inclin 0.00	MD Tie	In (ft NS	Tie In 0.00	TVDTie In (ft 0.00					
Survey	Data				2)	\(\(\frac{f4}{} \)	- FM.	f +\	VO ((1)	\	DI C /0/400(1)					
MD (וואם)	Incl (°)	Azm (°)	TVD (ftKI	D) NS	S (ft)	EW (11.)	VS (ft)		DLS (°/100ft)					
								FC	FI\/F F) De	ec. 19,	2011				
							- 1			_	- 1					

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Berry Daily Drilling Report

Report Date: 11/10/2011

	Well Name	: LC TR	IBAL 12	2H-6-56								-	t: 4, DFS: Progress:
API/UWI		Surface Legal		1 '	Date Notice		APD S			AFE Number	1 -	tal AFE Am	ount
43013336060	0000	NESE Sec		I .		40	Utah			C11 03203	I		
Spud Date 11/14/2011		Rig Release D 12/10/20	ate 11 6:00:00	AM	round Distand 20.0	00	Ground	d Elevation 6,4	462	Daily Cost 16,155			4,115
Operations at Rep Load out Unit	oort Time : & Mob. camp	s to LCT 12	2H-6-56		tions Next 24 up on the		-6-56. Mo	ve & R/	Daily Mud Cost	ud Additive	Additive Cost To Date		
Operations Summ	of the FT 12H	L33-55 Mu	d numne u	mud tanks	Matting h	nards Ge	an set Di	asal tan	k 2 of 4 nine	Depth Start (ftKB)	De	epth End (ftl	⟨B) 0
tubs, Boiler, V	Vater tank & d	log house, d	on the LCT	12H-6-56	or staged	& ready t	to set in. 7	he rig h	ad to be	Depth Start (TVD) (ftk	(B) De	epth End (T	-
	galy be move	on US Hwy	40 . Will t	ruck derricl	c & Unit to	LCT 12F	I-6-56 1st	load thi	s morning.	Target Formation	Ta	rget Depth	(ftKR)
Remarks Saftey Meetin	ng: Rig move v	w/ WestRoc	Trucking C	Company ri	gging up.					Uteland Butte			,534
Weather Clear		Temperature (°F) 16.0	Road Dry	Condition		I	ondition ductor		Daily Contacts Job Con	ntact		Mobile
Last Casing	Set		10.0	ПОТУ			Conc	idetoi		Kim D. Gritz		435-8	323-1921
Casing Description		Depth (ftKB)	OD (in)	Comment			_			Chad D. Beath		866-9	910-9236
Conductor		92	14	14" Cor	ductor se	t by Leon	Ross.			Rigs Contractor		Rig Nu	mher
Time Log										Patterson - UTI		Trig Iva	779
Start Time End T	, ,	Dia Un 9 Te	Operatio	n	Mov	od ria off	of the FT		EE Mud	Mud Pumps			
06:00 18:00	12.00	Rig Up & Te	ear Down						-55. Mud ards, Gen.	#1, Maxum, M			
							nk, 2 of 4			Pump Rating (hp)	Rod Diameter	r (in) Sti	roke Length (in)
							dog hous			1,000.0 Liner Size (in)	lVc	ol/Stk OR (b	10.12
									set in. Will I-6-56 1st	Liner Olze (III)	Į v	d) NO MOU	Dir3tk)
						this mor		_01 121	1-0-30 181	Pressure (psi) Slow		rokes (spm)	Eff (%)
					Wes	tRoc Equ	ip. & Per	sonnel:		" a DOMAG T	No		
						d trucks de trucks				# 2, BOMCO, F	Rod Diameter	r (in) Sti	roke Length (in)
					1	klifts				1,000.0		, ,	10.12
					I .	aul truck	S			Liner Size (in)	Vo	ol/Stk OR (b	bl/stk)
						ampers uck push	er			Pressure (psi) Slow	Spd St	rokes (spm)	Eff (%)
										Mud Additive A	mounts	Consumed	d Daily Cost
18:00 06:0	0 12.00	inactive			Crev	vs workin	g dayligh	ts only.		Description	"	Consume	Daily Cost
Mud Checks										Job Supplies			
Гуре	Time	Depth (ftK	B) Dei	nsity (lb/gal)	Vis (s/qt)	l _b	V Calc (cp)	Yield	d Point (lbf/100ft²)	Supply Item Description	00		Unit Label
Gel (10s) (lbf/100f.	Gel (10m) (lbf/1	10 Gel (30m) (lbf/10 Fi	iltrate (mL/30m	in) Filter Ca	ke (/32")	рН	S	olids (%)	Total Received	Total Consum	and To	tal Returned
MBT (lb/bbl)	Percent Oil (%)	Percent V	Vater (%) C	hlorides (mg/L)	Calcium	(mg/L)	KCL (%)	E	lectric Stab (V)				lai Netumeu
CEC for Cuttings	Whole Mud	Add (bbl) Mu	ud Lost to Hol	le (bbl) Mud I	ost (Surf) (bb	ol) Mud V	ol (Res) (bbl) Mud	Vol (Act) (bbl)	Diesel Fuel Cor	nsumption		nsumed
Air Data													
Parasite ACFM (ft ³	³/min) Drill	pipe ACFM (ft³/	min) ECI	D Bit (lb/gal)		ECD Paras	ite (lb/gal)						
Corrosion In	hibitor Inject	ed in 24hr l	Period							1			
gls Injected down			s Injected in M	/lud (gal)		gls Bio	cide Injected	l in Mud (g	al)	1			
D.:!!! O(::!										<u> </u>			
Drill Strings													
Bit Run Drill Bit				IADC Bi	Dull			TFA (in	cl Noz) (in²)				
Nozzles (/32")					:	String Lengt	h (ft) String	Wt (1000lb	of) BHA ROP (ft	-			
Drill String C	components									-			
				Lobe		Bit-Bend	ft. min gpn	max gpm					
Jts Item	Description	OD (in)	Len (ft)	config Stag	ges rpm/gpm	n (ft)	(gpm)	(gpm)	SN				
Drilling Parai	meters Start (ftKB)	Depth End (ftK	(B) Cum Dep	th (ft) Drill T	ime (hrs)	Cum Drill Tir	ne Int RO	P (ft/hr)	Flow Rate (gpm)				
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1	000lbf) PU H	_ (1000lbf)	SO HL (1000	Olbf) Drilling	Torque	Off Btm Tq	1			
Q (g inj) (ft³/ Mo	otor RPM (rpm)	T (Inj) (°F)	P (BH Ann)	(T (bh) (°F)	P(Surf A	nn) T (su	ırf ann) C	(liq rtrn) (g Q (g return)				
										_			

Berry Daily Drilling Report

Report Date: 11/10/2011

Report #: 4, DFS: **Depth Progress:**

Well Name: LC TRIBAL 12H-6-56

Deviat	Deviation Surveys														
All EMWD Surveys															
Azim															
268	268 11/15/2011 All EMWD Surveys 0.00 0.00 0.00 0.00 0.00														
Survey	Survey Data														
ME	MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS (ft) EW (ft) VS (ft) DLS (°/100ft)														
	'														

Berry Daily Drilling Report

Report Date: 11/11/2011

Report #: 5, DFS:

Well Name	: LC TRIBAL 12H-6	-56			Depth Progress:
API/UWI	Surface Legal Location	Spud Date Notice	APD State	AFE Number	Total AFE Amount
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah	C11 032038	
Spud Date 11/14/2011 1:30:00 AM	Rig Release Date 12/10/2011 6:00:00 AM	KB-Ground Distance (ft) 20.00	Ground Elevation (ftKB) 6,462	Daily Cost 16,155	Cum Cost To Date 90,270
Operations at Report Time	12/10/2011 0:00:00711	Operations Next 24 Hours	0,402	Daily Mud Cost	Mud Additive Cost To Date
Rig up on the LCT 12H-6-5	66	0	-56. Nipple up 14" drilling		
		nipple.		Depth Start (ftKB)	Depth End (ftKB)
Operations Summary Hauled derrick & Unit to I C	CT 12H-6-56. Set Mud tanks	Sub-Structure. Drove uni	t on to mud-boat. Intalled	Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
	d all other loads on or close		it off to finda boat, mailed		
Remarks				Target Formation Uteland Butte	Target Depth (ftKB)
Saftey Meeting: Rig move v	w/ WestRocTrucking Comp	any rigging up awareness. Road Condition	Hole Condition		4,534
Partly Cloudy	Temperature (°F) 15.0	Dry	Conductor	Daily Contacts Job Contact	Mobile
Last Casing Set		,		Kim D. Gritz	435-823-1921
Casing Description Set I	' ' ' ' '	mment		Marshall E. Gallegos	505-947-3660
Conductor	92 14 14	" Conductor set by Leon R	COSS.	Rigs Contractor	Rig Number
Time Log				Patterson - UTI	779
Start Time End Time Dur (hrs)	Operation	I louled describe	Comment	Mud Pumps	'
06:00 18:00 12.00	Rig Up & Tear Down		& Unit to LCT 12H-6-56. Set o-Structure, Drove unit on to	# 1, Maxum, M-1000	
		mud-boat, Intal	led derrick back on unit.	Pump Rating (hp) Rod Diam 1,000.0	neter (in) Stroke Length (in) 10.12
			r loads on or close to the	Liner Size (in)	Vol/Stk OR (bbl/stk)
		LCT 12H-6-56. WestRoc Equip	& Personnel·		
		4 bed trucks	. a r oroomion	Pressure (psi) Slow Spd	Strokes (spm) Eff (%)
		2 Pole trucks		No	
		2 forklifts 13 haul trucks		# 2, BOMCO, F-1000 Pump Rating (hp) Rod Diam	neter (in) Stroke Length (in)
		3 swampers		1,000.0	10.12
		1 Truck pusher		Liner Size (in)	Vol/Stk OR (bbl/stk)
				Pressure (psi) Slow Spd	Strokes (spm) Eff (%)
18:00 06:00 12.00	inactive	Crew working of	laylights only.	No	
Mud Checks				Mud Additive Amounts	
Type Time	Depth (ftKB) Density (lb	/gal) Vis (s/qt) PV (Calc (cp) Yield Point (lbf/100ft²	Description (2)	Consumed Daily Cost
2-1 (40-1) (lb (/400)	40 Oct (00m) (lh (/40 Filtrete (/	-1 (00min) Filter Only ((00ll) Int	0-15-1- (0/)	Job Supplies	
Gel (10s) (lbf/100f Gel (10m) (lbf/	10 Gel (30m) (lbf/10 Filtrate (i	nL/30min) Filter Cake (/32") ph	H Solids (%)		
MBT (lb/bbl) Percent Oil (%)) Percent Water (%) Chlorides	(mg/L) Calcium (mg/L) K	CL (%) Electric Stab (V)	Supply Item Description	Unit Label
CEC for Cuttings Whole Mud	Add (bbl) Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl) Mud Vol	(Res) (bbl) Mud Vol (Act) (bbl)	Total Received Total Con	sumed Total Returned
SEC 101 Outlings Wildle Midd	Mad Lost to Flore (bbl)	Mud Lost (Ouri) (DDI)	(Nes) (bbi)		
Air Data				Diesel Fuel Consumpti	Consumed
Parasite ACFM (ft³/min) Drill	Ipipe ACFM (ft³/min) ECD Bit (lb	/gal) ECD Parasite	(lh/gal)		
- arasite ACI W (It-/IIIII)	ipipe ACI NI (It/IIIIII)	rgai) LOD Falasile	(ib/gai)		
Corrosion Inhibitor Inject		1			
gls Injected down Parasite (gal)	gls Injected in Mud (ga) gis Biocid	de Injected in Mud (gal)		
D !!! O. !					
Drill Strings					
Bit Run Drill Bit	I	ADC Bit Dull	TFA (incl Noz) (in²)		
Nozzles (/32")		String Length (ft) String Wt (1000lbf) BHA ROP (ft.		
Drill String Components			max		
Ita Itam Decemention	OD (in) Len (ft) Conf		min gpm gpm		
Jts Item Description	OD (in) Len (ft) conf	g Stages rpm/gpm (ft)	(gpm) (gpm) SN		
Drilling Parameters					
Wellbore Start (ftKB)	Depth End (ftKB) Cum Depth (ft)	Drill Time (hrs) Cum Drill Time	Int ROP (ft/hr) Flow Rate (gpm	1)	
NOB (1000lbf) RPM (rpm)	SPP (psi) Rot HL (1000lbf)	PU HL (1000lbf) SO HL (1000lb	f) Drilling Torque Off Btm Tq		
Q (g inj) (ft³/ Motor RPM (rpm)		h) (°F) P(Surf Ann) T (surf	ann) Q (lig rtrn) (g Q (g return) .		
		, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,		
Deviation Surveys All EMWD Surveys					
Azim Date Description	on	EWTie In Inclin MD	Fie In (ft NSTie In TVDTie In (ft.		
268 11/15/2011 All EM	WD Surveys	0.00 0.00	0.00 0.00 0.00		
		RE(CEIVED Dec. 19,	'2011	

Berry Daily Drilling Report

Report Date: 11/11/2011

C TRIBAL 12H-6-56 n (°)	Depth Progre

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Sundry Number: 21379 API Well Number: 43013336060000 **Berry Daily Drilling Report** Well Name: LC TRIBAL 12H-6-56 ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFF Number 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Rig up on the LCT 12H-6-56. Rig up on the LCT 12H-6-56. Hook up steam lines & heaters, Nipple up 14" drilling nipple. Operations Summary Rig set in trucks released @ 15:30. Derrick 1/2 mast. (lost 3 hrs. due to raising ram seal failure) Sub not raised. Back yard hooked up with the exception of the steam system. Great White tools on location. Zeco

Report Date: 11/12/2011 Report #: 6, DFS: **Depth Progress:** Total AFE Amount C11 032038 Cum Cost To Date 13.973 104,243 Mud Additive Cost To Date Depth End (ftKB) Depth End (TVD) (ftKB) Target Depth (ftKB) 4,534 Job Contact Mobile 435-823-1921 505-947-3660 Rig Number 779 Rod Diameter (in) Stroke Length (in) 10.12 Vol/Stk OR (bbl/stk) Strokes (spm) Eff (%) No Rod Diameter (in) Stroke Length (in) 10.12 Vol/Stk OR (bbl/stk) Strokes (spm) Eff (%) No Consumed Daily Cost Unit Label Total Consumed Total Returned Date Consumed

Berry Daily Drilling Report

Report Date: 11/12/2011

Report #: 6, DFS: Depth Progress:

Well Name: LC TRIBAL 12H-6-56

Deviat	Deviation Surveys														
All EN	All EMWD Surveys														
Azim	Azim Date Description EWTie In Inclin MD Tie In (ft NSTie In TVDTie In (ft														
268	268 11/15/2011 All EMWD Surveys 0.00 0.00 0.00 0.00 0.00														
Surve	Survey Data														
MI	MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS (ft) EW (ft) VS (ft) DLS (°/100ft)														

RECEIVED_Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 11/13/2011

Report #: 7, DFS:

AM) w	ell Name	: LCT	RIBAL	12H-6-	56									Dept	h Pro	gress:
API/UWI			Surface Leg	gal Location		Spud Dat				APD State			AFE Number			E Amoun	
43013336 Spud Date	06000	00	NESE S	ec 6 T5S	-R6W	10/05/1 KB-Groun		aco (ft)		Utah Ground Ele	vation	/f+I/D)	C11 C)32038	Cum Co	st To Date	2
)11 1:	30:00 AM	"	2011 6:00	0:00 AM	NB-GIOUI	20.			Ground Ele	6,4			,690	Cum Co	129,9	
Operations at			L L			Operations Next 24 Hours Nipple up 14" drilling nipple. M/U 12 1/4" BHA & drill						DITA O JEST	Daily Mud Cost		Mud Add	litive Cos	t To Date
Operations So	•	up 14" cond	ductor.			surface	•	arilling r	прріє	e. M/U 12	1/4"	BHA & ariii	Depth Start (ftK	B) 0	Depth E	nd (ftKB)	
Repaired (derric						Raise	d Sub @	15:3	80 hrs., R/	U flo	or, welders	Depth Start (TV	-	Depth E	nd (TVD)	
Remarks			·		рашр	,							Target Formatio		Target D	epth (ftKl	
		Raising de											Uteland But			4,53	34
Weather	346	Fuel on har	Temperatur	e (°F)		Road Co	ndition			Hole Condit	ion		Daily Conta	b Contact		N	Mobile
Partly Clo	udy		, component	25.0		Dry				Conduct			Kim D. Gritz			35-823	
Last Casi				105 "									Marshall E.	Gallegos	5	05-947	7-3660
Casing Descr Conductor	•	Set	Depth (ftKB) 92	OD (in)		nment " Condu	ictor se	et by Leo	n Ros	SS.			Rigs Contractor		R	ig Numbe	er
								,					Patterson -	UTI			779
Time Log Start Time E	End Tim	e Dur (hrs)		Ope	ration					Comment			Mud Pump				
	9:00		Miscellar					,	,	audit weld	_	0 1	# 1, Maxur Pump Rating (h		eter (in)	Stroke	Length (in)
												aised Sub @ ler of back	1,000.0		, ,		10.12
										d walls arc			Liner Size (in)		Vol/Stk (OR (bbl/st	tk)
							floo		بم مانات		:ادا	4 11-4-	Pressure (psi)	Slow Spd	Strokes	(spm)	Eff (%)
							Inst	all exhau	rking ust or	on safety n #1 pump	audi).	t IISt:		No			
							Fini	sh drive	shaft	cover un	der c		# 2, BOMC Pump Rating (h		otor (in)	Ctroke	Length (in)
								oaired de ·board)	rrick	board wa	lk-wa	ıy (1,000.0		ster (III)	Siloke	10.12
							Mou	unt bráck					Liner Size (in)	'	Vol/Stk 0	OR (bbl/st	tk)
						Brackets for water line #1 pump house Repair & fab hand rails around carrier							Pressure (psi)	Slow Spd No	Strokes	(spm) F	Eff (%)
													Mud Additi	ve Amounts			
19:00 0	6:00	11.00	inactive						•	s to day.	Will v	vork moring	Desc	cription	Cons	sumed	Daily Cost
							tour	tomorro	W.				Job Suppli	00			
Mud Ched														<u> </u>			
Туре		Time	Depth ((ftKB)	Density (lb/	'gal) \	/is (s/qt)		PV Cal	lc (cp)	Yield	Point (lbf/100ft²)	Supply Item De	scription			Unit Label
Gel (10s) (lbf/	100f	Gel (10m) (lbf/	10 Gel (3	0m) (lbf/10	. Filtrate (m	nL/30min)	Filter Ca	ake (/32")	рН		So	olids (%)	Total Received	Total Cons	umed	Total F	 Returned
MBT (lb/bbl)		Percent Oil (%) Percei	nt Water (%)) Chlorides	(mg/L)	Calcium	n (mg/L)	KCL	. (%)	Ele	ectric Stab (V)	Diesel Fuel	l Consumption	on		
CEC for Cutti	ngs	Whole Muc	l Add (bbl)	Mud Lost to	Hole (bbl)	Mud Lost	(Surf) (b	bl) Mud	Vol (Re	es) (bbl)	Mud \	/ol (Act) (bbl)	D	ate		Consu	med
Air Data																	
Parasite ACFI	M /f+3/m	in) Dril	lpipe ACFM	(ft3/min)	ECD Bit (lb/	'aol\		ECD Para	acita (Ik	o/gol)							
Parasile ACFI	w (119/m	in) Dili	ipipe ACFIVI	(Itamin)	ECD BIL (IB/	gai)		ECD Para	asite (it	o/gai)							
		bitor Inject	ed in 24h														
gls Injected de	own Pa	rasite (gal)		gls Injected	l in Mud (gal)			gls B	siocide	Injected in M	lud (ga	al)					
Drill Strin	gs																
Bit Run Drill	Bit				IA	NDC Bit Du	ااد			TI	FA (inc	l Noz) (in²)]				
Nozzles (/32"))				·			String Leng	gth (ft)	String Wt (1	000lbf	BHA ROP (ft					
Drill Strin	g Cor	nponents								r	nax						
Jts	Item De	escription	OD (in)	Len	(ft) Lobe	Stages	rpm/gpi	Bit-Ben (ft)		min gpm S	gpm gpm)	SN					
Drilling Pa	arame	eters											+				
Wellbore		art (ftKB)	Depth End	(ftKB) Cum	Depth (ft)	Drill Time	(hrs)	Cum Drill T	īme	Int ROP (ft/l	hr)	Flow Rate (gpm)	1				
WOB (1000lb	f) RF	PM (rpm)	SPP (psi)	Rot H	HL (1000lbf)	PU HL (1	000lbf)	SO HL (100	00lbf)	Drilling Torq	lue	Off Btm Tq	1				
Q (g inj) (ft³/	. Motor	r RPM (rpm)	T (Inj) (°F)	P (BH A	nn) (T (bł	 n) (°F)	P(Surf A	Ann) T (s	surf an	n) Q (liq ı	rtrn) (g	Q (g return)	1				
			•							'		•					
								P	EC	EIV/EF		ec. 19,	2011				
								K	CC	CIVEL	<u>~</u>						

Report Date: 11/13/2011

Report #: 7, DFS: **Depth Progress:**

Deviation Surveys All EMWD Surveys Same Description Surveys D.00 D.00	Re
MD (ffKB) Incl (*) Azm (*) TVD (ffKB) NS (ft) EW (ft) VS (ft) DLS (*/100ft)	

1 MWD - Gap sub

8

5.60

Berry Daily Drilling Report

Report Date: 11/14/2011

Report #: 8, DFS: 0.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 50** AFE Number ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 35.765 165,698 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Drilled 12 1/4" surface hole to 160'. P/U EM tool Drill surface hole to +/- 1000 Depth Start (ftKB) Depth End (ftKB) Operations Summary Stand-by audit welding until 14:00. N/U 14" x 16" riser w/ rotating head, M/U Swivel & kelly, set MH, Strap & 110 160 caliper BHA, M/U 12 1/4" Surface drilling assembly, Drilled 12 1/4" surface hole f/ 110' to 160'. Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Remarks 110 160 Target Formation Target Depth (ftKB) Saftey Meeting: P/U 8" BHA. 4,534 Fuel used: 1458 Fuel on hand: 5648 Uteland Butte Temperature (°F) Road Condition Hole Condition **Daily Contacts** Mobile Partly Cloudy 31.0 Dry Conductor Job Contact 435-823-1921 Kim D. Gritz **Last Casing Set** 505-947-3660 Marshall E. Gallegos Casing Description Set Depth (ftKB) OD (in) Comment Conductor 92 14 14" Conductor set by Leon Ross. Rigs Rig Number Time Log
Start Time | End Time | Dur (hrs) Patterson - UTI 779 Comment Operation Mud Pumps 8.00 Miscellaneous Stand-by audit welding. (Cont. R/U 06:00 14:00 # 1, Maxum, M-1000 wherever possible) Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 18:00 4.00 NU/ND BOP Weld 14" x 16" Riser w/ Rotating head. 14:00 1,000.0 10.12 Hook-up flow line. (No additional fabrication Liner Size (in) Vol/Stk OR (bbl/stk) of flowline necessary) Pressure (psi) | Slow Spd Strokes (spm) Eff (%) 18:00 19:30 1.50 Rig Up & Tear Down P/U Swivel & kelly - hook up kelly hose -No P/U bails & elevators. Install MH. Fill mud tanks w/ salvage spud mud. #2, BOMCO, F-1000 Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 19:30 20:00 0.50 Miscellaneous Strap & caliper BHA 1,000.0 10.12 20:00 01:00 5.00 Trips Held PJSM & P/U 12 1/4" Bit - 8" Mud Liner Size (in) Vol/Stk OR (bbl/stk) Motor - 8" Shock - 8" Monel DC. 01:00 01:30 0.50 Miscellaneous Perform Pre-Spud Rig inspection - Tighten Pressure (psi) Slow Spd Strokes (spm) Eff (%) caps #2 pump - tighten turn buckles on No conductor. Mud Additive Amounts Consumed Daily Cost 01:30 06:00 4.50 Drilling Drill 12 1/4' Surface hole w/ AA wob, 380 gpm, 55 rpm. (set back kelly to make 8 DC connections) Job Supplies **Mud Checks** Supply Item Description Unit Label Depth (ftKB) Yield Point (lbf/100ft²) Density (lb/gal) Vis (s/qt) PV Calc (cp) Type Time Total Received Total Consumed Water Base 05:00 135.0 8.80 45 Total Returned Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) Hq **Diesel Fuel Consumption** MBT (lb/bbl) Percent Oil (%) Percent Water (%) Chlorides (ma/L) KCL (%) Electric Stab (V) Date Consumed CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Air Data Parasite ACFM (ft3/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (gal) gls Injected down Parasite (gal gls Biocide Injected in Mud (gal) **Drill Strings** BHA #1, Surface #1 Drill Bit IADC Bit Dull TFA (incl Noz) (in2) 12 1/4in, EOH 27S, 1155638 3-7-FC-A-7-2-CD-TD 0.92 String Length (ft) String Wt (1000lbf) BHA ROP (ft... Nozzles (/32") 20/20/20 1,009.06 54 25.3 **Drill String Components** max Bit-Bend ft. min gpm Lobe gpm Item Description OD (in) Len (ft) Stages SN Jts rpm/qpm Kelly 4 44.00 4" XT-39 Drill Pipe 4 0.00 21 4" XT-39 HWDP 4 645.00 1 XO Sub 3.90 6 6 Drill Collar 6 1/2 177.30 1 XO Sub 2.60 6 2 Drill Collar 8 58.61



Berry Daily Drilling Report

Report Date: 11/14/2011 Report #: 8, DFS: 0.2

Depth Progress: 50

Well Name:	I C TRIBAL	12H-6-56
Well Hallie.		1211-0-30

Drill	String (Comp	onents											
Jts	Iter	n Descr	iption	OD (in)		Len (ft)	Lobe config	Stage	s rpm/gpi			min gpm (gpm)	gpm (gpm)	SN
1	NMDC				8	28.60								
1	Stabilize	er			8	4.10								
1	Shock S	Sub			8	9.96								
1	Mud Mo	otor 18	38hp 7/8		8	27.89	7.8	4.0	0.16	6.66		300	900	
	L - 4 stg	j16	rpg											
Drilli	Drilling Parameters													
Wellbo	ore	Start (f	ftKB)	Depth End (f	KB)	Cum Depth	n (ft)	Drill Tim	ne (hrs)	Cum Drill	Time	Int ROP	(ft/hr)	Flow Rate (gpm)
Origi		1	10.0	160.0		50.0	0	4	.50	4.5	50	1	1.1	400
Hole														
WOB	(1000lbf)	RPM (rpm)	SPP (psi)		Rot HL (10	00lbf)	PU HL (1000lbf)	SO HL (1	000lbf)	Drilling '	Torque	Off Btm Tq
	25		55	190.0		28		2	28	28	3	3,6	0.00	3,000.0
Q (g ir	nj) (ft³/ M		PM (rpm) 64	T (Inj) (°F)	Р	(BH Ann) (.	T (bh) (°F)	P(Surf	Ann) T	(surf an	in) Q	(liq rtrn) (g	Q (g return)
Devi	ation Su	ırvey	S											
All E	MWD S	urvey	s											
Azim			Description					E	EWTie In	1 .	MD Tie	In (ft	NSTie In .	TVDTie In (ft
268.	11/15	/2011	All EM	WD Surve	ys				0.00	0.00	0.	.00	0.00	0.00
Surv	ey Data													
	MD (ftKB)		Incl (°)	Azm (°)		TVD (ftKB)	NS	S (ft)	EW	(ft)	VS	S (ft)	DLS (°/100ft)

1 Shock Sub

8

9.96

Berry Daily Drilling Report

Report Date: 11/15/2011

Report #: 9, DFS: 1.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 696** AFE Number ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 25,715 191,413 20.00 6,462 Daily Mud Cost Mud Additive Cost To Date Operations at Report Time Operations Next 24 Hours Drilling @ 856' Drill surface hole to 1062', circ, pooh ly/dn 8" DC, run 1,397 1,397 9 5/8 csg and cement N/U bop. Depth Start (ftKB) Depth End (ftKB) 160 856 Operations Summary Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Stand back 8" dc pk/up muw program tool, trip in 8" DC, Drill f/160' to 180', Replace hydraulic hose on ST-80, Drill f/ 180' to 363', c/o xo subs, Drill f/363' to 395', c/o rotating rubber, drill f/395' to 856'. 160 856 Target Depth (ftKB) Target Formation 4,534 Uteland Butte Saftey Meeting: P/U HWDP Fuel used: 1082 Fuel on hand: 4566 **Daily Contacts** Mobile Job Contact Road Condition Hole Condition Temperature (°F) 970-316-3297 George Urban Partly Cloudy Dry Conductor 24.0 Marshall E. Gallegos 505-947-3660 **Last Casing Set** Set Depth (ftKB) OD (in) Rigs Casing Descrip 14" Conductor set by Leon Ross. Rig Number Conductor 92 14 Patterson - UTI 779 Time Log
Start Time | End Time | Dur (hrs) Mud Pumps Operation Comment # 1, Maxum, M-1000 0.50 Trips Stand back 8" DC 06:00 06:30 Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 06:30 08:00 1.50 Directional Work Make up mwd tool and gap sub program 1,000.0 10.12 Liner Size (in) Vol/Stk OR (bbl/stk) 08:00 08:30 0.50 Trips Trip in 8" DC Pressure (psi) | Slow Spd Strokes (spm) Eff (%) 08:30 09:00 0.50 Drilling Drill f/160' to 180 No 09:00 10:00 1.00 Repair Rig Replace hydraulic hose on ST-80 #2, BOMCO, F-1000 10:00 16:00 6.00 Drilling Drill f/ 180' to 363' Pump Rating (hp) Rod Diameter (in) Stroke Length (in) 16:00 17:00 1.00 Miscellaneous C/O xo subs 4 1/2 XH x 4" XT-39 and 4"FH 1,000.0 10.12 to XT-39 Liner Size (in) Vol/Stk OR (bbl/stk) 17:00 18:00 1.00 Drilling Drill f/363' to 395' 18:00 19:00 1.00 Miscellaneous C/O rotating rubber element. Pressure (psi) Slow Spd Strokes (spm) Eff (%) Drill f/395' to 856' 35k wob, 610 gpm, 1100 19:00 06:00 11.00 Drilling No psi, 42 fph. **Mud Additive Amounts** Consumed Daily Cost Description 565.25 Anco gel 85.0 **Mud Checks** Depth (ftKB) Yield Point (lbf/100ft2) Time Density (lb/gal) Vis (s/qt) PV Calc (cp) Engineer 1.0 625.00 Spud 06:00 360.0 8.75 35 4.000 Tax 1.0 207.10 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) Ha Job Supplies 3.000 6.000 9.000 12.0 1 9.5 3.0 MBT (lb/bbl) Percent Water (%) Electric Stab (V) Percent Oil (%) Chlorides (mg/L) Calcium (mg/L) KCL (%) Supply Item Description Unit Label 1,000.000 20.000 97.0 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Total Received Total Consumed Total Returned 315.0 Air Data Diesel Fuel Consumption Consumed Date Parasite ACFM (ft3/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) **Drill Strings** BHA #1, Surface #1 Drill Bit IADC Bit Dull TFA (incl Noz) (in²) 1 12 1/4in, EOH 27S, 1155638 3-7-FC-A-7-2-CD-TD 0.92 String Length (ft) String Wt (1000lbf) BHA ROP (ft... Nozzles (/32") 20/20/20 1,009.06 25.3 **Drill String Components** max Bit-Bend ft. Lobe min gpm gpm OD (in) config Item Description Len (ft) SN Stages rpm/gpm 44.00 Kelly 4" XT-39 Drill Pipe 4 0.00 21 4" XT-39 HWDP 645.00 4 1 XO Sub 6 3.90 6 Drill Collar 6 1/2 177.30 1 XO Sub 2.60 6 2 Drill Collar 8 58.61 1 MWD - Gap sub 8 5.60 1 NMDC 8 28.60 1 Stabilizer 8 4.10



Berry Daily Drilling Report

Report Date: 11/15/2011 Report #: 9, DFS: 1.2

Depth Progress: 696

Well I	Name:	LC	TRIBAL	12H-6-56
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Drill	Drill String Components												
Jts	Ite	m Descr	iption	OD (in)	Len (ft)	Lobe	Stages	rpm/gpi	Bit-Be		min gpm (gpm)	max gpm (gpm)	SN
1	Mud M	otor 18	38hp 7/8	8	27.8	9 7.8	3 4.0	0.16	6.66		300	900	
	L - 4 st	g16	rpg										
Drilli	Drilling Parameters												
Wellbo		Start (f		Depth End (fth	(B) Cum De	oth (ft)	Drill Time	e (hrs)	Cum Drill	Time	Int ROP	(ft/hr)	Flow Rate (gpm)
Origi	nal	1	60.0	856.0	746	.00	21.	.00	25.	50	3	3.1	610
Hole													
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1	000lbf)	SO HL (1	000lbf)	Drilling ²	Torque	Off Btm Tq
	35		65	1,150.0	4	8	5	0	40)	3,6	0.00	3,000.0
Q (g in	j) (ft³/ N	Notor RF	PM (rpm)	T (Inj) (°F)	P (BH Ann)	(T (bh) (°F)	P(Surf A	Ann) T	(surf an	n) Q	(liq rtrn) (g	Q (g return)
		9	97										
Devi	ation S	urveys	5										
All E	MWD S	urvey	s										
Azim	Date		Description	on			E	WTie In	. Inclin	MD Tie	In (ft	NSTie In .	TVDTie In (ft
268	. 11/15	5/2011	All EM	WD Survey	S			0.00	0.00	0.	00	0.00	0.00
Surv	ey Data	3											
- 1	иĎ (ftKB)		Incl (°)	Azm (°)	TVD (ftl	(B)	NS	(ft)	EW	(ft)	VS	S (ft)	DLS (°/100ft)
	16	7.00	0.18	339.49	•	167.00		0.25		-0.09		0.09	0.11
	34	9.00	0.26	305.39	;	349.00		0.75		-0.53		0.51	0.08
	53	3.00	0.88	295.10		532.99		1.59		-2.15		2.11	0.34
	71	8.00	1.19	248.78	-	717.96		1.50		-5.23		5.19	0.47

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6 Drill Collar

6 1/2

177.30

Berry Daily Drilling Report

Report Date: 11/16/2011

Report #: 10, DFS: 2.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 153** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFE Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 76.297 267,710 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Rigging up Pro Petro cementers. Cement 9 5/8 csg, cut off drilling riser, weld on 3,956 2,559 Cameron well head, n/u bop, test, rig up gas buster Depth Start (ftKB) Depth End (ftKB) and pk/up bha #2 856 1,009 Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Operations Summary 856 1,009 Drill f/856' to 947', rig service tighten drive line bolts, drill f/947' to 1009', circ, pump 2 Hi vis sweeps, pooh Target Depth (ftKB) Target Formation tight conn. on hwdp, 1 hr ST-80 repair,Ly/dn 8" DC, monel, MWD and mud motor. Clear floor and blow kelly **Uteland Butte** 4,534 down. PJSM w/WFT casers and rig up, ran 24 jts 9 5/8 36 lb K-55 LT&C casing Guide shoe @ 1001'. FC @ 965', r/d casers, install circ swedge and circ, r/u Pro Petro cementers. **Daily Contacts** Job Contact Mobile 970-316-3297 George Urban Saftey Meeting: Tripping pipe & running casing. Marshall E. Gallegos 505-947-3660 Fuel used: 804 Fuel on hand: 3762 Rigs Temperature (°F) Road Condition Hole Condition Rig Number Dry Clear 25.0 Conductor Patterson - UTI 779 **Last Casing Set** Mud Pumps Set Depth (ftKB) OD (in) Comment Casing Description Surface 1,001 9 5/8 24 its 9 5/8 36 lb K-55 LT&C #1, Maxum, M-1000 Pump Rating (hp) Rod Diameter (in) Stroke Length (in) 1,000.0 10.12 Time Log Vol/Stk OR (bbl/stk) Start Time | End Time | Dur (hrs) Operation Comment Liner Size (in) 06:00 12:00 6.00 Drilling Drill f/856' to 947 Pressure (psi) | Slow Spd Strokes (spm) Eff (%) 12:00 13:00 1.00 Lubricate Rig Rig service tighten bolts on drive line. No Drill f/947' to 1009 13:00 17:00 4.00 Drilling #2, BOMCO, F-1000 17:00 18:30 1.50 Condition Mud & Circulate Circ, pump 2-Hi vis sweeps around. Hook Rod Diameter (in) Stroke Length (in) Pump Rating (hp) up 2" fill up line. 1,000.0 10.12 18:30 21:00 2.50 Trips POOH Liner Size (in) Vol/Stk OR (bbl/stk) 21:00 22:00 1.00 Repair Rig ST-80 repair 3.00 LD Drillpipe Ly/dn 8" DC, monel, MWD and mud motor. 22:00 01:00 Pressure (psi) Slow Spd Strokes (spm) Eff (%) No 01:00 01:30 0.50 Miscellaneous Clean floor and blow kelly down. 02:30 1.00 Run Casing & Cement PJSM w/WFT casing crew and rig up power 01:30 **Mud Additive Amounts** Consumed Daily Cost tongs and ly/dn machine. Description 90.0 598.50 Anco gel 02:30 05:00 2.50 Run Casing & Cement Ran 24 jts 9 5/8 36 lb K-55 casing set @ Engineer 1.0 625.00 1001' FC @ 965' Pallets 29.0 522.00 05:00 06:00 1.00 Run Casing & Cement Rig down WFT casing tools, make up circ. Sawdust 25.0 102.50 swedge and circ. Rig up Pro Petro cementers. Shrink Wrap 28.0 504.00 207.10 1.0 **Mud Checks** Job Supplies PV Calc (cp) Depth (ftKB) Yield Point (lbf/100ft²) Density (lb/gal) Vis (s/qt) Type 06:00 998.0 9.20 51 16.000 Spud Supply Item Description Unit Label Gel (10s) (lbf/100f... Gel (10m) (lbf/10... (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) 13.000 6.4 25,000 38,000 9.6 2 9.2 Total Received Total Consumed Total Returned MBT (lb/bbl) Percent Oil (%) Percent Water (%) Chlorides (mg/L) Calcium (mg/L) KCL (%) Electric Stab (V) 1,350.000 93.6 20.000 **Diesel Fuel Consumption** CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Consumed Date 351.0 Air Data 11/15/2011 06:00 Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Parasite ACFM (ft3/min) 9.30 Corrosion Inhibitor Injected in 24hr Period als Injected in Mud (gal) als Biocide Injected in Mud (gal) gls Injected down Parasite (gal) **Drill Strings** BHA #1, Surface #1 IADC Bit Dull TFA (incl Noz) (in²) Bit Run Drill Bit 12 1/4in, EOH 27S, 1155638 3-7-FC-A-7-2-CD-TD 0.92 BHA ROP (ft.. Nozzles (/32") String Length (ft) String Wt (1000lbf) 20/20/20 1.009.06 54 25.3 **Drill String Components** max min gpm Lobe Bit-Bend ft. Item Description OD (in) Len (ft) config rpm/apm (qpm) Kelly 44.00 4" XT-39 Drill Pipe 4 0.00 21 4" XT-39 HWDP 645.00 1 XO Sub 6 3.90



Berry Daily Drilling Report

Report Date: 11/16/2011 Report #: 10, DFS: 2.2

Depth Progress: 153

Well Nan	ne: LC	TRIBAL	12H-6-56
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Drill	String Components									
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft.	min gpm (gpm)	max gpm (gpm)	SN
1	XO Sub	6	2.60							
2	Drill Collar	8	58.61							
1	MWD - Gap sub	8	5.60							
1	NMDC	8	28.60							
1	Stabilizer	8	4.10							
1	Shock Sub	8	9.96							
1	Mud Motor 188hp 7/8 L - 4 stg16 rpg	8	27.89	7.8	4.0	0.160	6.66	300	900	
	_									

Drilling Par	rameters						
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	low Rate (gpm)
Original Hole	856.0	1,009.0	899.00	10.00	35.50	15.3	610
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque C	Off Btm Tq
40	65	1,550.0	63	68	60	0.0	0.0
Q (g inj) (ft ³ /	Motor RPM (rpm)	T (Inj) (°F) P	(BH Ann) (T (bl	h) (°F) P(Surf	Ann) T (surf and	n) Q (liq rtrn) (g	. Q (g return)
	97						

Deviation	Surveys
ALL EMIMO	Curvovo

Azim	Date	Description	EWTie In	Inclin	MD Tie In (ft	NSTie In	TVDTie In (ft
268	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data							
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
901.00	1.23	245.80	900.92	0.01	-8.79	8.79	0.04
963.00	1.76	250.81	962.90	-0.58	-10.30	10.31	0.88

Berry Daily Drilling Report Report Date: 11/17/2011 Report #: 11, DFS: 3.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 0** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFE Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 46.976 314,686 20.00 6.462 Mud Additive Cost To Date Operations at Report Time Operations Next 24 Hours Daily Mud Cost N/U BOPE N/U BOP test, pk/up bha #2 tih drill 8 3/4 pilot hole. 5,229 1,273 Operations Summary Depth Start (ftKB) Depth End (ftKB) Rig up cementers, test lines to 1500 psi. Cemented 9 5/8 casing as follows. Pump 10 BBL's of fresh water 1,009 1,009 ahead Then 495 sk's (101.5 BBL's) Premium Class G 100% (BWOC) 2% CaCl2 1/4 #/sk flocele. Wt. 15.8 Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) ppg, Yld 1.15 cuft/sk, MWR 5 gal/sk. Drop plug, Displace w/ 74.5 bbl water, FCP was 380 PSI @ 2.5 BPM 1,009 1,009 Bump plug to 900 PSI, Floats held, 30 bbl cement return to surface. Full returns through out job. Cement held Target Formation Target Depth (ftKB) static at surface. CIP @ 08:10 hrs. on 11-16-2011. WOC, dump cuttings tank, flush flow line, pump out cellar, **Uteland Butte** 4,534 thaw out wtater pump, Cut and ly/out drilling riser, dress 9 5/8 casing for well head. Weld on Cameron SS well **Daily Contacts** head, dig out cellar, plumb in gas buster and choke. Install spool, lock down flange and N/U stack. Job Contact Mobile 970-316-3297 George Urban Marshall E. Gallegos 505-947-3660 Saftey Meeting: N/U BOP Rigs Boiler 12 hrs. Rig Number Fuel used: 784 Fuel on hand: 2478 Patterson - UTI 779 2-men short on days 1 short on nights. Mud Pumps Weather Temperature (°F) Road Condition Hole Condition #1, Maxum, M-1000 Overcast 21.0 Dry Conductor Pump Rating (hp) Rod Diameter (in) Stroke Length (in) **Last Casing Set** 1,000.0 10.12 Casing Descrip Set Depth (ftKB) OD (in) Comment Vol/Stk OR (bbl/stk) Liner Size (in) Surface 1,001 9 5/8 24 jts 9 5/8 36 lb K-55 LT&C Pressure (psi) | Slow Spd Strokes (spm) Eff (%) **Time Log** No Start Time End Time Dur (hrs) Operation Comment #2, BOMCO, F-1000 06:00 08:30 2.50 Run Casing & Cement PJSM w/Pro Petro cementers. Test lines to Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 1500 psi. Cemented 9 5/8 casing as follows. 1,000.0 10.12 Pump 10 BBL's of fresh water ahead Then Liner Size (in) Vol/Stk OR (bbl/stk) 495 sk's (101.5 BBL's) Premium Class G 100% (BWOC) 2% CaCl2 1/4 #/sk flocele. Pressure (psi) Slow Spd Strokes (spm) Eff (%) Wt. 15.8 ppg 1.15 cuft/sk Yld, 5 gal/sk No MWR. Drop plug, Displace w/ 74.5 bbl water, FCP was 380 PSI @ 2.5 BPM Bump **Mud Additive Amounts** plug to 900 PSI, Floats held, 30 bbl cement Consumed Daily Cost 625.00 return to surface. Full returns through out Engineer 1.0 job. Cement held static at surface. CIP @ Pallets 18.0 324.00 08:10 hrs. on 11-16-2011. 324.00 Shrink Wrap 18.0 **Job Supplies** 08:30 09:00 0.50 Run Casing & Cement Rig down cementers Unit Label Supply Item Description 13:00 09:00 4.00 Wait on Cement WOC, dump cuttings tank, flush flow line, pump out cellar, thaw out wtater pump. Total Received Total Consumed Total Returned 13:00 16:30 3.50 Miscellaneous Cut and ly/out drilling riser, dress 9 5/8 casing for well head. Diesel Fuel Consumption 16:30 23:30 7.00 Miscellaneous Weld on Cameron SS well head, dig out Consumed Date cellar, plumb in gas buster and choke. 23:30 06:00 6.50 NU/ND BOP Install spool, lock down flange and N/U stack. **Mud Checks** Time Depth (ftKB) Density (lb/gal) Vis (s/qt) PV Calc (cp) Yield Point (lbf/100ft2) Gel-Chem 06:00 1,009.0 8.90 45 10.000 Gel (30m) (lbf/10... Filtrate (mL/30min) Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Filter Cake (/32") Solids (%) 13.000 22.000 29.000 8.0 9.3 4.2 MBT (lb/bbl) Electric Stab (V) Percent Oil (%) Percent Water (%) Chlorides (ma/L) Calcium (mg/L) KCL (%) 1,350.000 50.000 Whole Mud Add (bbl) Mud Vol (Act) (bbl) CEC for Cuttings Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) 415.0 Air Data

ECD Parasite (lb/gal)

Drillpipe ACFM (ft³/min)

Drill Strings

Parasite ACFM (ft³/min)

 Bit Run
 Drill Bit
 IADC Bit Dull
 TFA (incl Noz) (in²)

 Nozzles (/32")
 String Length (ft) | String Wt (1000lbf) | BHA ROP (ft...



Berry Daily Drilling Report

Report Date: 11/17/2011 Report #: 11, DFS: 3.2

Depth Progress: 0

Well	Name:	LC TRIBAL	12H-6-56
AACII	ivallie.	LO INIDAL	. 1211-0-30

Drill	String	Comp	onents										
Jts	Item Description		cription	OD (in)	Len (ft)	Len (ft) Lobe config S		rpm/gpi		end ft. ft)	min gpm (gpm)	max gpm (gpm)	SN
Drilli	Drilling Parameters												
Wellbo	re	Start	(ftKB)	Depth End (ft	KB) Cum Dep	th (ft)	Drill Time	e (hrs)	Cum Dril	l Time	. Int ROF	(ft/hr)	Flow Rate (gpm)
WOB (1000lbf)	RPM	(rpm)	SPP (psi)	Rot HL (1	000lbf)	PU HL (1000lbf)	SO HL (1	000lbf)	Drilling	Torque	Off Btm Tq
Q (g in	j) (ft³/	Motor R	PM (rpm)	T (Inj) (°F)	P (BH Ann)	(T (bh	i) (°F)	P(Surf A	Ann) T	(surf ar	nn) Q	(liq rtrn) (g	Q (g return)
Devi	ation S	urvey	rs										
All E	MWD S	Surve	ys										
Azim	Date		Description	on			E	WTie In	. Inclin	MD Tie	In (ft	NSTie In .	TVDTie In (ft
268	. 11/1	5/201′	1 All EM\	ND Survey	/S			0.00	0.00	0.	.00	0.00	0.00
Surv	Survey Data												
,	MĎ (ftKB))	Incl (°)	Azm (°)	TVD (ftK	B)	NS	(ft)	EW	(ft)	V:	S (ft)	DLS (°/100ft)

Berry Daily Drilling Report Report Date: 11/18/2011 Report #: 12, DFS: 4.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 0** Spud Date Notice Total AFE Amount ΔΡΙ/ΙΙΜ/Ι Surface Legal Location APD State AFE Number 43013336060000 C11 032038 NESE Sec 6 T5S-R6W 10/05/11 Utah Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 20.00 6,462 30.942 345,628 Mud Additive Cost To Date Operations at Report Time Operations Next 24 Hours Daily Mud Cost TIH/work on ST-80 TIH, drill out shoe track, drill pilot hole. 5,854 625 Depth End (ftKB) Operations Summary Depth Start (ftKB) 12 hr n/u and work on bop, test bop, finish hooking up flow line, set in pipe racks and load w/bha, mk/up bha 1,009 1,009 #2 scribe motor to mwd and TIH. Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) 1,009 1,009 Target Formation Target Depth (ftKB) Saftey Meeting: N/U BOP & test. 4,534 **Uteland Butte** Boiler 12 hrs. Fuel used: 760 Fuel on hand: 5918 **Daily Contacts** 1-man short on days. Job Contact Mobile 970-316-3297 George Urban Weather Road Condition Hole Condition Temperature (°F) Chad D. Beath 866-910-9236 Clear Dry 28.0 Cased Rigs **Last Casing Set** Rig Number Casing Description Set Depth (ftKB) OD (in) Comment Patterson - UTI 779 Surface 1.001 9 5/8 24 jts 9 5/8 36 lb K-55 LT&C Mud Pumps Time Log
Start Time | End Time | Dur (hrs) # 1, Maxum, M-1000 Operation Comment Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 17:30 11.50 NU/ND BOP N/U BOPE, replace 1 -1" nipple on bop 06:00 1,000.0 10.12 broke and 2 nipples on HCR valve broke on Vol/Stk OR (bbl/stk) Liner Size (in) rig move, flex lines from koomie to bop hooked up wrong 2 hrs to figure it out. hook Pressure (psi) Slow Spd Strokes (spm) Eff (%) up choke line. No #2, BOMCO, F-1000 17:30 00:00 6.50 Test BOP Test BOP's Tested Annular 250 low and Rod Diameter (in) Stroke Length (in) Pump Rating (hp) 3000 High, Tested pipe rams, Blind rams 1,000.0 10.12 Upper and lower kelly valves ,Choke and kill Liner Size (in) Vol/Stk OR (bbl/stk) lines all Manifold valves to 250 Low and 4000 High. Casing to 1500 PSI. Pressure (psi) Slow Spd Strokes (spm) Eff (%) 00:00 02:30 2.50 Miscellaneous Finish hooking up flow line, set in pipe racks No and load racks w/BHA. **Mud Additive Amounts** Consumed Daily Cost 02:30 03:00 0.50 Miscellaneous Install wear bushing Engineer 1.0 625.00 03:00 05:30 2.50 Directional Work Mk/up bit, motor, program mwd and scribe. Job Supplies 06:00 0.50 Trips TIH 05:30 **Mud Checks** Supply Item Description Unit Label Depth (ftKB) Density (lb/gal) PV Calc (cp) Yield Point (lbf/100ft²) Time Vis (s/qt) Type Gel-Chem Total Received Total Consumed 06:00 1,009.0 Total Returned 8.85 41 7.000 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) Hq 3.5 5.000 13.000 19.000 8.8 1 8.8 **Diesel Fuel Consumption** MBT (lb/bbl) Percent Oil (%) Percent Water (%) Chlorides (mg/L) Calcium (mg/L) KCL (%) Electric Stab (V) Consumed Date 96.5 1.350.000 50.000 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) | Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) 400.0 Air Data Parasite ACFM (ft³/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) gls Injected down Parasite (gal **Drill Strings** BHA #2, Steerable

Drill	String Components									
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							

IADC Bit Dull

0-0-NO-A-X-0-NO-TD

5,045.01

String Length (ft) String Wt (1000lbf)

Bit Run Drill Bit

Nozzles (/32")

8 3/4in, FX D55M, 11690186

16/16/16/16/16

RECEIVED Dec. 19, 2011

TFA (incl Noz) (in2)

0.86 BHA ROP (ft...



Berry Daily Drilling Report

Report Date: 11/18/2011 Report #: 12, DFS: 4.2

Depth Progress: 0

Well Name:	LC TRIBAL	12H-6-56
WCII Hailic.	LO INIDAL	1211-0-30

Drill	String (Comp	onents											
Jts	Iten	n Desci	ription	OD (in)		Len (ft)	Lobe	Stages	rpm/gp		Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Mo 12.'/BTE		deg AD.	6 1/2	2	31.12	7.8	5.7	7					
Drilli	ing Para	mete	ers											
Wellbo	Wellbore Start (ftKB) Depth End (ftKB) Cum Depth (ft) Drill Time (hrs) Cum Drill Time Int ROP (ft/hr) Flow Rate (gpm										Flow Rate (gpm)			
Origi Hole		1,	009.0	1,009.0				0.	00					
WOB ((1000lbf)	RPM ((rpm)	SPP (psi)		Rot HL (10	00lbf)	PU HL (1000lbf)	SOI	HL (1000lbf)	Drilling	Torque	Off Btm Tq
Q (g in	nj) (ft³/ M	lotor RF	PM (rpm)	T (Inj) (°F)	Р	(BH Ann) (.	T (bh) (°F)	P(Surf	Ann)	T (surf ar	nn) Q	(liq rtrn) (g	Q (g return)
Devi	ation Su	ırvey	s								•	•		·
All E	MWD S	urvey	/S											
Azim Date Description									WTie In	. Inc	lin MD Tie	e In (ft	NSTie In .	TVDTie In (ft
268	11/15	/2011	All EM\	'S				0.00	0	.00 0	.00	0.00	0.00	
Surv	Survey Data													
	MD (ftKB)		Incl (°)	Azm (°)		TVD (ftKB)	NS	(ft)		EW (ft)	V:	S (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/19/2011

Depth End (ftKB)

Depth End (TVD) (ftKB)

6,917

1,892

1,892 Target Depth (ftKB)

4,534

970-316-3297

866-910-9236

Rig Number

Vol/Stk OR (bbl/stk)

Strokes (spm) Eff (%)

Mobile

779

Stroke Length (in)

Stroke Length (in)

Unit Label

10.12

Report #: 13, DFS: 5.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 883** Spud Date Notice Total AFE Amount ΔΡΙ/ΙΙΜ/Ι Surface Legal Location APD State AFE Number 43013336060000 10/05/11 C11 032038 NESE Sec 6 T5S-R6W Utah Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 20.00 6,462 42.549 388,177 Operations at Report Time Operations Next 24 Hours Daily Mud Cost Mud Additive Cost To Date

Work pipe and building volume. Regain circulation and drill 8 3/4 pilot hole. Operations Summary

6 hr code 8 repair ST-80 mechanic replaced 2 transmissions. TIH, level rig, Tag cement @ 945' drill FC @ 965' drill out shoe @ 1001'. Drill new hole f/ 1009' to 1892', lost circ, pump lcm pill, pull 2-stands-pump 2nd Icm pill, and build volume.

Saftey Meeting: mk/conn w/ST-80 Boiler 24 hrs. Mud Lost last 24hr: 400 bbl. Fuel used: 1082 Fuel on hand: 4836

1-man short on days.

Weather Road Condition Hole Condition Temperature (°F) Snow 2" Wet Lost circ. 21.0

Last Casing Set

Casing Description Set Depth (ftKB) OD (in) Comment Surface

Patterson - UTI **Mud Pumps** 1,001 9 5/8 24 its 9 5/8 36 lb K-55 LT&C

								# 1,	Maxun	n, M	-1000
Time Lo	og							Pump	Rating (h	p)	Rod Diam
Start Time	End Time	Dur (hrs)		Operation			Comment		1,000.0	1	
06:00	12:00	6.00	Repair Rig			Repair ST-80 med	chanic replaced 2	Liner S	Size (in)		
						transmissions.					
12:00	13:30	1.50	Trips			TIH		Pressu	ure (psi)	Slow	•
13:30	14:30	1.00	Lubricate Rig	7		rig service and lev	vel rig.	┺			No
14:30	16:30	2.00	Condition Mu	ud & Circula	te	Tag cement @ 94	5' drill FC @ 965' drill out		BOMC		
						shoe @ 1001' ope	en hole to 1009'.		Rating (h		Rod Diam
16:30	18:00	1.50	Drilling			Drill f/1009' to 112	25' 10-14 wob, 100 stk,	- 1	1,000.0	'	
10.00	10.00	1.00	Diming				ry, avg. rop 77 fph.	Liner	Size (in)		
18:00	03:30	9.50	Drilling			Drilled f/1125 to 1	892' 20k wob 140 stk 412	Pressi	ure (psi)	Slow	Spd
						gpm, 65 rotary, av	/g rop 80.7 fph.				No
03:30	04:30	1.00	Condition Mu	ud & Circula	te	Lost all returns, p	umped 65 bbl lcm pill,	Mud	Additiv	ve Aı	mounts
						pulled 2 stands.				cription	1
04:30	05:30	1.00	Miscellaneou	JS		Work pipe, build a	and pump 2nd lcm pill.	Bica	rb		
05:30	06:00	0.50	Miscellaneou	JS		Work pipe and bu	<u> </u>	Desc	coChror	me F	ree

|--|

Mud Checks							_ lax	
Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)	Joh Supplies	П
Gel-Chem	06:00	1,009.0	8.85	38		6.000	oob oupplies	-
Gel (10s) (lbf/100f	Gel (10m) (lbf/10	Gel (30m) (lbf/10	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)	Supply Itom Description	_
5.000	14.000	21.000	9.6	1	8.8	3.5	Supply item Description	
MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)	Total Bassivad	
		96.5	1,450.000	40.000			Total Received	Jl
CEC for Cuttings	Whole Mud Add	(bbl) Mud Lost to	Hole (bbl) Mud Los	st (Surf) (bbl) Mu	d Vol (Res) (bbl)	Mud Vol (Act) (bbl)	1	-
_		650	0.0			300.0	Diesel Fuel Cons	u
	Type Gel-Chem Gel (10s) (lbf/100f 5.000 MBT (lb/bbl)	Time	Time	Time	Time	Time	Time	Time

Air Data 11/18/2011 06:00

Parasite ACFM (ft³/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) 10.38

Corrosion Inhibitor Injected in 24hr Period

gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) gls Injected down Parasite (ga

Drill Strings

BHA #2, Steerable Drill Bit

8 3/4in, FX D55M, 11690186 0-0-NO-A-X-0-NO-TD 0.86 BHA ROP (ft... Nozzles (/32") String Length (ft) String Wt (1000lbf) 16/16/16/16/16 5,045.01 66.2

IADC Bit Dull

Drill String Components

	Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
		Kelly	4	43.00							
1	01	Drill Pipe	4	3,209.54							
	50	HWDP	4	1,539.92							
	1	XO Sub	6	3.90							
	6	Drill Collar	6 1/2	177.30							
	1	Stabilizer	8 5/8	3.85							
	1	MWD - Gap sub	6 1/2	5.63							
	1	NMDC	6 1/2	30.75							

RECEIVED Dec. 19, 2011

TFA (incl Noz) (in2)

1,000.0 10.12 Liner Size (in) Vol/Stk OR (bbl/stk) Pressure (psi) Slow Spd Strokes (spm) Eff (%) No **Mud Additive Amounts** Consumed Daily Cost Bicarb 181.44 12.0

Rod Diameter (in)

Rod Diameter (in)

DescoChrome Free 1.0 48.95 625.00 Engineer 1.0 Tax 1.0 207.10 Job Supplies

1,062

1,009

1,009

Job Contact

Depth Start (ftKB)

Target Formation **Uteland Butte**

Daily Contacts

George Urban

Chad D. Beath

Rigs

Depth Start (TVD) (ftKB)

Total Received Total Consumed Total Returned

Diesel Fuel Consumption Date

Consumed



Berry Daily Drilling Report

Report Date: 11/19/2011 Report #: 13, DFS: 5.2

Depth Progress: 883

Well I	Name:	LC	TRIBAL	12H-6-56
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Drill	String (Comp	onents									
Jts	Iter	n Descr	iption	OD (in) Len (ft)		Lobe	Stages	rpm/gpn		min gpm (gpm)	max gpm (gpm)	SN
1	Mud Mo 12.'/BTE		deg ADJ	6 1/2	31.12	7.8	5.7					
Drilli	ng Para	mete	rs									
Wellbo	re	Start (f	ftKB)	Depth End (ftl	(B) Cum Dep	th (ft)	Drill Time	(hrs)	Cum Drill Time	. Int ROP	(ft/hr)	Flow Rate (gpm)
Origi Hole		1,	009.0	1,892.0	883.	00	11.	00	11.00	80	0.3	450
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1	000lbf)	PU HL (1	000lbf)	SO HL (1000lbf)	Drilling 7	Torque	Off Btm Tq
	20		70	1,850.0								
Q (g in	j) (ft³/ M	lotor RF	PM (rpm)	T (Inj) (°F)	P (BH Ann)	T (bh) (°F)	P(Surf A	nn) T (surf a	nn) Q ((liq rtrn) (g	Q (g return)
Devi	ation Su	ırvey	S									
	MWD S	urvey										
Azim			Descriptio				E/	NTie In	1 1		NSTie In	
268	. 11/15	/2011	All EMV	ND Survey	S			0.00	0.00 0	.00	0.00	0.00
Surv	ey Data											
l	MD (ftKB)		Incl (°)	Azm (°)	TVD (ftK	,	NS		EW (ft)		S (ft)	DLS (°/100ft)
	1,048	3.00	1.67	253.35	1,0	47.86		-1.36	-12.71		12.74	0.14
	1,17	1.00	1.41	249.22	1,1	70.82		-2.41	-15.85	5	15.90	0.23
	1,416.00 1.58			241.14	1,4	15.73	-5.1		-21.62	-21.62 21.73		0.11
	1,666.00 1.76			234.11	1,6	65.63			-27.75	- 1		0.11

Berry Daily Drilling Report

Report Date: 11/20/2011 Report #: 14, DFS: 6.2

Well Name: LC TRIBAL 12H-6-56 Depth Progress: 1,202

		ii i t ai	_	_	IDAL IZI		-								Бор		_	3. 1,202
API/UWI	0000000	•		Surface Legal L			Spud Date				State			AFE Number	2000	Total AF	E Amour	nt
1	3606000	U			6 T5S-R6W		10/05/1		- (6)	Uta		·· /	(IVD)	C11 03:	2038	0	T- D-	
Spud Date	; /2011 1:3	0.00 AN		Rig Release Da	ate 1 6:00:00 A		KB-Ground	Distance 20.0		Grou	ind Eleva	6,46	,	Daily Cost 25,4	20	Cum Co	ost To Da 413,	
1	s at Report		,, l	12/10/201	11 0.00.00 /		Operations					0,40) <u></u>	Daily Mud Cost		Mud Ad		st To Date
	@ 3094'						Drill 8 3							3,67	9		10,	
Operations	s Summary							•						Depth Start (ftKB)		Depth E	nd (ftKB	
1	olume and	d regain	circ	. drill, rig s	ervice and o	drill.								1,89			3,0	
Remarks	A 41	-l-/ D	D	.4 -4 \ / -1										Depth Start (TVD)		Depth E	nd (TVD	
				ut of V-door	bl. Total we	JI 720) hhl							1,89 Target Formation	2	Target [3,0 Depth (ftk	
1	ed: 1206				Di. Total wc	11 / 20	, DDI.							Uteland Butte		larger	4,5	,
Weather				Temperature (°	F)	1	Road Con	dition		Hole	Conditio	n		Daily Contac	te		-,-	
Partly C	loudv		Ι.		26.0		Wet	aition		God		•			Contact			Mobile
	sing Set	•												George Urbai	1	9	970-31	6-3297
Casing De	scription		Set De	epth (ftKB)	OD (in)	Comi								Chad D. Beat	h	8	366-91	0-9236
Surface	!			1,001	9 5/8	24 j	ts 9 5/8	36 lb K	(-55 LT&(2				Rigs				
Time Lo	~~													Contractor Patterson - U	TI	F	Rig Numb	
Start Time		Dur (hı	rs)		Operation			Т		Cor	nment				11			779
06:00	10:00	4.	00 C	Condition M	lud & Circul	ate		Work	pipe 4 s	tands o	ff botor	n, pı	ump lcm	Mud Pumps	N 4000			
									uild volu		gain cir	c an	d stage	# 1, Maxum,	Rod Diam	eter (in)	Strok	e Length (in)
								bavk	to botton	n.				1,000.0	1	()		10.12
10:00	12:30	2.	50 C	Drilling							366 gp	om, 2	20k wob, 55	Liner Size (in)		Vol/Stk	OR (bbl/s	
L		\perp							y, 54.8 ro	•								
12:30	13:30			ubricate R	ig				ervice, d					Pressure (psi)	low Spd	Strokes	(spm)	Eff (%)
13:30	18:00	4.	50 C	Drilling							18 gpr	n, 20	0k wob, 55		No			
									y, 54.8 ro					# 2, BOMCO Pump Rating (hp)	, F-1000 Rod Diam	eter (in)	Strok	e Length (in)
18:00	06:00	12.	00 [Drilling			-				78 gpr	n, 22	2k wob, 65	1,000.0	Nou Diali	10101 (III)	Junk	10.12
								rotar	y, 88.75 r	op.				Liner Size (in)		Vol/Stk	OR (bbl/s	
Mud Ch	nacks																	
Туре		ime		Depth (ftKE	B) Densi	ty (lb/g	al) Vi	s (s/qt)	PV	/ Calc (cp)	Y	/ield F	Point (lbf/100ft²)	Pressure (psi) S	low Spd	Strokes	(spm)	Eff (%)
Gel-Che	-	06:0	-	2,13		8.85		44					7.000		No			
	(lbf/100f						/30min)		. ` ′ ′	pH	_	Soli	ids (%)	Mud Additive Descrip			sumed	Daily Cost
4.0 MBT (lb/bb	I .	10.0 Percent Oil		Percent W	000	8.4 orides (1	8. KCL (%)	.6	Flor	3.5 ctric Stab (V)	Anco drill	711011	0011	6.0	
INID I (ID/DL	ויט (די	ercent On	1 (70)	I		950.0		Calcium (.000	KCL (%)		Elec	CITIC Stab (V)	Anco gel			130.0	864.50
CEC for C	uttings	Whole	Mud A		d Lost to Hole					ol (Res) (b	bl) N	lud Vo	ol (Act) (bbl)	ANCO LIG			6.0	46.50
					320.0								285.0	Chemseal			4.0	43.80
Air Data	a								,		•			CI 300 A			2.0	99.54
11/19/2	011 06:00	0												Drispac reg			4.0	780.00
Parasite A	CFM (ft³/mir	٦)	Drillpi	ipe ACFM (ft³/r	min) ECD E	Bit (lb/g	,		ECD Parasi	te (lb/gal)				Engineer			1.0	625.00
							9.05							Mica			12.0	100.32
	ion Inhib d down Para		ecte	d in 24hr F		4 (acl)			ala Pia	cide Inject	ad in Mu	d (aal)	\	Sawdust			100.0	410.00
gis injecte	u down Para	asite (gai)		gis	Injected in Mud	ı (gai)			gis bio	cide inject	ea in iviu	u (gai))	Super Sweep			1.0	
														Tax			1.0	207.10
Drill St	rings													Job Supplies	}			
	, Steeral	ole				1.												
Bit Run [Y DEE	1 44	600196		IAE	DC Bit Dul		Y O NO	TD	TFA		Noz) (in²) 0.86	Supply Item Descri	iption			Unit Label
Nozzles (/:	8 3/4in, F	אוכנים א	vi, II	001060			0-0		-X-0-NO- tring Length		 a Wt (100		BHA ROP (ft	Total Received	Total Con	sumed	Total	Returned
	,		16	6/16/16/16/	′16			ا	5,045.0		116		66.2	. S.C 1000IV6u	.5.6.7 5511		, John	
Drill St	ring Com	ponen									-		-	Diesel Fuel C	onsumpti	on		
	<u> </u>								B.: 5		ma			Date			Consi	ımed
Jts	Item De:	scription		OD (in)	Len (ft)	Lobe	Stages	rpm/apm	Bit-Bend	ft. min g _l (gpm		m)	SN					
Ke		oonpull!		4	43.00	9	Stages	.h.n/gpill	(,	(9611	, (0,		OIN	1				
101 Dr				4	3,209.54							+		1				
50 HV				4	1,539.92							+						
) Sub			6	3.90							+		1				
	ill Collar			6 1/2	177.30							+		1				
1 1	abilizer			8 5/8	3.85							+		1				
1 1	WD - Gap	sub		6 1/2	5.63							+		1				
1 NI				6 1/2	30.75							\neg		1				
	ud Motor	1 deg /	ADJ		31.12	7.8	5.7					\top		1				
	'/BTB	-																
									1									
									D.F	CEN	/ED	De	ec. 19,	2011				
									N.E.	.CEI			1					



Berry Daily Drilling Report

Report Date: 11/20/2011 Report #: 14, DFS: 6.2

Depth Progress: 1,202

Drilling Para	ameters						
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	1,892.0	3,094.0	2,085.00	19.00	30.00	63.3	377
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	65	1,200.0	84	88	86	6,110.0	2,290.0
Q (g inj) (ft ³ / M	Notor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (g	Q (g return)
	98						

Deviation Surveys	
All EMWD Surveys	;

Azim	Date	Description	EWTie In	Inclin	MD Tie In (ft	NSTie In	TVDTie In (ft
268	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data							
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,918.00	1.54	224.97	1,917.52	-13.69	-33.28	33.58	0.14
2,140.00	1.67	228.92	2,139.44	-17.93	-37.83	38.22	0.08
2,334.00	0.92	236.22	2,333.39	-20.65	-41.25	41.71	0.40
2,529.00	1.05	238.77	2,528.36	-22.45	-44.08	44.58	0.07
2,724.00	1.23	246.68	2,723.32	-24.20	-47.53	48.06	0.12
2,918.00	1.49	230.59	2,917.26	-26.63	-51.39	51.98	0.24

Berry Daily Drilling Report

Report Date: 11/21/2011

Report #: 15, DFS: 7.2 Well Name: LC TRIBAL 12H-6-56 Depth Progress: 1,649 ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFF Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 107,761 521,338 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Drilling @ 4743' Drill to 5045', circ, short trip, circ, pooh f/logs, log 14,387 3,791 Operations Summary Depth Start (ftKB) Depth End (ftKB) Drill f/3094' to 4743' w/conn/surveys. 3,094 4,743 Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Remarks Saftey Meeting: proper pulling of slips 3,093 4,561 Boiler 24 hrs. Mud Lost last 24hr: 450 bbl. Total well 1170 bbl. Target Depth (ftKB) Target Formation Fuel used: 1275Fuel on hand: 2355 4,534 Uteland Butte Temperature (°F) Road Condition Hole Condition **Daily Contacts** Mobile Overcast 27.0 Wet Job Contac Good 970-316-3297 George Urban **Last Casing Set** Chad D. Beath 866-910-9236 Casing Description Set Depth (ftKB) OD (in) Comment 9 5/8 24 jts 9 5/8 36 lb K-55 LT&C Surface 1.001 Rigs Rig Number Time Log
Start Time | End Time | Dur (hrs) Patterson - UTI 779 Comment Operation Mud Pumps Drill f/3094' to 3945', 401 gpm, 22k wob, 18:00 06:00 12.00 Drilling # 1, Maxum, M-1000 1700 psi, 70 rotary, avg rop w/conn./surveys Pump Rating (hp) Rod Diameter (in) Stroke Length (in) 71fph. 1,000.0 10.12 18:00 06:00 12.00 Drilling Drill f/ 3945' to 4743', 384 gpm, 22k wob, Liner Size (in) Vol/Stk OR (bbl/stk) 1775 psi, 70 rotary, avg rop w/conn./surveys 66.5fph. Pressure (psi) | Slow Spd Strokes (spm) Eff (%) No **Mud Checks** # 2, BOMCO, F-1000 Depth (ftKB) Density (lb/gal) Vis (s/qt) PV Calc (cp) Yield Point (lbf/100ft²) Type Rod Diameter (in) Pump Rating (hp) Stroke Length (in) Gel-Chem 06:00 4,647.0 8.95 50 14.000 1,000.0 10.12 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32" nН Solids (%) Liner Size (in) Vol/Stk OR (bbl/stk) 12.000 19.000 28.000 6.8 9.2 4.2 1 MBT (lb/bbl) Percent Water (%) Calcium (mg/L) Percent Oil (%) Chlorides (mg/L) KCL (%) Electric Stab (V) Pressure (psi) Slow Spd Strokes (spm) Eff (%) 95.8 900.000 60.000 No CEC for Cuttings Mud Vol (Act) (bbl) Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) **Mud Additive Amounts** 270.0 450.0 Consumed Daily Cost 461.86 Air Data Anco drill 7.0 11/20/2011 06:00 12.0 79.80 Anco ael ECD Bit (lb/gal) Parasite ACFM (ft3/min) Drillpipe ACFM (ft3/min) ECD Parasite (lb/gal) ANCO LIG 13.0 100.75 9.13 Caustic Soda 2.0 59.90 Corrosion Inhibitor Injected in 24hr Period Chemseal 4.0 43.80 gls Injected in Mud (gal) als Biocide Injected in Mud (gal) als Injected down Parasite (gal) CI 300 A 2.0 99.54 Drispac reg 1.0 195.00 **Drill Strings** Engineer 1.0 625.00 Hi yield gel 125.0 900.00 BHA #2, Steerable IADC Bit Dull TFA (incl Noz) (in²) Bit Run Mica 18.0 150.48 8 3/4in, FX D55M, 11690186 0-0-NO-A-X-0-NO-TD 1 0.86 Pallets 306.00 17.0 String Length (ft) String Wt (1000lbf) BHA ROP (ft. Nozzles (/32") Poly Swell 152.88 1.0 66 2 16/16/16/16/16 5,045.01 116 Sawdust 25.0 102.50 **Drill String Components** Shrink Wrap 17.0 306.00 max 207.10 gpm Tax 1.0 Lobe Bit-Bend ft. min gpm (gpm) Item Description OD (in) Len (ft) config (ft) (gpm) SN Stages rpm/gpm Job Supplies Kelly 43.00 4 101 Drill Pipe 3,209.54 4 Supply Item Description Unit Label 50 HWDP 4 1,539.92 1 XO Sub Total Received Total Consumed Total Returned 6 3.90 6 1/2 6 Drill Collar 177.30 **Diesel Fuel Consumption** 1 Stabilizer 8 5/8 3.85 Date Consumed 1 MWD - Gap sub 6 1/2 5.63 1 NMDC 6 1/2 30.75 1 Mud Motor 1 deg ADJ 6 1/2 31.12 7.8 5.7 12.'/BTB **Drilling Parameters** Depth End (ftKB) Cum Depth (ft) Wellbore tart (ftKB) Drill Time (hrs) Cum Drill Time ... Int ROP (ft/hr) Flow Rate (gpm) 3,094.0 54.00 68.7 383 Original 4.743.0 3.734.00 24.00 Hole RPM (rpm) WOB (1000lbf) SPP (psi) Rot HL (1000lbf) PU HL (1000lbf) SO HL (1000lbf) Drilling Torque Off Btm Tq 70 6.830.0 2.830.0 20 1,775.0 107 110 102 Q (g inj) (ft³/... Motor RPM (rpm) P (BH Ann) (... T (bh) (°F) (Inj) (°F) P(Surf Ann) ... T (surf ann) ... Q (liq rtrn) (g... Q (g return) .. 98



4,422.00

4,454.00

4,487.00

4,518.00

4,550.00

4,583.00

4,615.00

4,647.00

4,680.00

4,712.00

39.95

44.03

47.81

51.90

55.77

59.06

61.61

64.34

67.19

71.10

273.83

272.95

271.46

270.85

270.49

270.76

270.49

271.20

272.08

271.99

Berry Daily Drilling Report

Report Date: 11/21/2011 Report #: 15, DFS: 7.2

Depth Progress: 1,649

Well Name: LC TRIBAL 12H-6-56

wei	Well Name: LC TRIBAL 12H-6-56										
Deviation Surveys											
All EMWD Survey											
Azim Date	Description			EWTie In	Inclin MD Tie	In (ft NSTie In .	TVDTie In (ft				
268 11/15/2011	All EM\	ND Survey	S	0.00	0.00 0.0	0.00	0.00				
Survey Data											
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)				
3,113.00	1.76	232.44	3,112.19	-30.06	-55.72	56.39	0.14				
3,307.00	2.02	252.65	3,306.08	-32.90	-61.35	62.07	0.37				
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	69.40	0.26				
3,695.00	2.02	251.60	3,693.79	-36.25	-75.92	76.72	0.28				
3,890.00	1.71	229.54	3,888.69	-39.22	-81.39	82.26	0.40				
3,936.00	3.16	252.30	3,934.65	-40.05	-83.12	84.00	3.73				
4,032.00	3.60	253.44	4,030.48	-41.71	-88.53	89.45	0.46				
4,064.00	3.69	256.17	4,062.42	-42.25	-90.50	91.42	0.61				
4,097.00	5.32	265.22	4,095.32	-42.63	-93.05	93.99	5.37				
4,130.00	8.13	269.61	4,128.08	-42.77	-96.91	97.85	8.65				
4,162.00	11.65	272.69	4,159.60	-42.64	-102.40	103.34	11.12				
4,194.00	14.68	274.98	4,190.76	-42.13	-109.67	110.59	9.61				
4,227.00	17.71	275.33	4,222.45	-41.30	-118.84	119.74	9.19				
4,259.00	20.96	275.77	4,252.64	-40.27	-129.38	130.25	10.17				
4,292.00	24.70	276.21	4,283.05	-38.94	-142.11	142.95	11.34				
4,324.00	28.21	275.77	4,311.69	-37.45	-156.29	157.09	10.99				
4,357.00	31.99	275.33	4,340.24	-35.85	-172.76	173.52	11.47				
4,390.00	36.08	274.71	4,367.58	-34.24	-191.15	191.87	12.44				
1	I										

4,392.78

4,416.56

4,439.52

4,459.50

4,478.38

4,496.15

4,511.99

4,526.53

4,540.07

4,551.46

-32.78

-31.52

-30.62

-30.15

-29.85

-29.54

-29.24

-28.82

-27.96

-26.89

-210.80

-232.17

-255.85

-279.54

-305.37

-333.17

-360.97

-389.47

-419.54

-449.42

211.49

232.82

256.48

280.15

305.96

333.75

361.53

390.02

420.07

449.91

12.21 12.88

11.90

13.28

12.13

9.99

8.00

8.76

8.97

12.22

Berry Daily Drilling Report

Report Date: 11/22/2011 Report #: 16, DFS: 8.2

Well Name: LC TRIBAL 12H-6-56 Depth Progress: 302

11111	VV	eli Nai				12H-6									th Progre	
API/UWI 430133:	360600	00		rface Legal ESE Sec		R6W	Spud Dat 10/05/			APD S Utah			AFE Number C11 03203		otal AFE Amour	t
Spud Date)	30:00 AN	Rig	Release D	ate			nd Distand	` '		d Elevat	ion (ftKB) 6,462	Daily Cost 47,561		Cum Cost To Dat	
	s at Repor							ns Next 24		ha set ce		olug, pooh,	Daily Mud Cost 4,316	N	Jud Additive Cos	
-0991119	, phot in	510.						curve bl		.bg, oot oo	illolli k	nag, poori,	Depth Start (ftKB)	[Depth End (ftKB)	
	s Summar						1						4,743		5,0	
										trip, circ 2 /u WFT log		I sweeps to and log.	Depth Start (TVD) (ftk 4,561	(B) [Depth End (TVD) 4,5	
emarks	, poo,			.,_0	,	poo, .	,, a 2 0,				990.0	aog.	Target Formation	1	arget Depth (ftK	
,		: Tripping	, ,										Uteland Butte		4,5	34
		1ud Lost 4 Fuel or			bbl. Tota	al well 1:	340 bbl.						Daily Contacts Job Cor	ntact		Mobile
/eather			Ter	nperature (°F)		Road Co	ndition		Hole C	Condition	1	George Urban		970-316	6-3297
Overcas	st				23.0		Wet			Goo	b		Chad D. Beath		866-910)-9236
	asing S												Rigs Contractor		Rig Numb	ar .
asing De Surface	escription	ľ		th (ftKB) ,001	OD (in) 9 5	- 1	mment Lits 9 5/8	36 lh I	K-55 LT8	RC.			Patterson - UTI		"	779
ranaoo			<u>'</u>	,001		70 Z	10000	00 10 1	I OO LI	<u> </u>			Mud Pumps			
ime Lo		aa Dur /h			0	-ti				Cam			#1, Maxum, M			
6:00	2 End Tin 13:00	,	00 Dri	illing	Oper	ation		Drill	f/4743' t	Comi co 5045' 38		n, 24k wob,	Pump Rating (hp) 1,000.0	Rod Diamet	er (in) Stroke	Length (in)
0.00	10.00	, ,	00 511	ıg				177	5 psi, 70	rotary, av		i, 24k WOD,	Liner Size (in)	\	/ol/Stk OR (bbl/s	
									onn./surv	•						
3:00	15:00	2.	00 Co	ndition N	/lud & C	irculate		Circ		oump 2 20	bbl hi-	vis lcm sweeps	Pressure (psi) Slow	Spd S No	Strokes (spm)	Eff (%)
5:00	16:30	1	50 Tri	DS						ort trip, pul	led an	od.	# 2, BOMCO, F	-1000		
6:30	18:00		- 1	ndition N	/lud & C	irculate						i-vis Icm sweep	Pump Rating (hp)	Rod Diamet	er (in) Stroke	Length (in)
								arou	ınd, swe	ep returne	d exce	essive amount	1,000.0 Liner Size (in)	<u> </u>	/ol/Stk OR (bbl/s	10.12
											other	20 bbl sweep,	Liner Size (iii)	`	Oli Sik Oli (bbiis	ik)
									kers clea				Pressure (psi) Slow		Strokes (spm)	Eff (%)
8:00	01:00	7.	00 Tri	ps					DH work 2' pooh	tight spot	in the	Tgr3 f/2671' to		No		
01:00	04:00	2	00 1 0	Drillpipe	,				•	2" DC, ibs,	mwd	motor	Mud Additive A		Consumed	Daily Cost
4:00	06:00		- 1	re Line L						T logging,			Anco drill		5.0	•
74.00	100.00		00 111	TO LINE L	.ogo			1 00	101 00/ 001	r logging,	ng up	loggers.	ANCO LIG		11.0	85.25
Mud Ch	necks	Time		Depth (ftK	D)	Density (lk	/aal)	/is (s/qt)		PV Calc (cp)	- IV	ield Point (lbf/100ft²)	Caustic Soda		3.0	
_{īype} Gel-Che	em	06:0	00	4,65	,	8.9		vis (s/qt) 4:		- v Caic (cp)		12.000	Chemseal CI 300 A		1.0 2.0	
. ,		Gel (10m)			, ,		nL/30min)	Filter Ca	ake (/32")	pH		Solids (%)	DescoChrome F	ree	1.0	
6.0 IBT (lb/bb		16.0		1	.000 Water (%)		3.0	Calcium	1	9.0 KCL (%))	4.2 Electric Stab (V)	Drispac reg		6.0	
ום ו (וט/טג	51)	Percent Oi	1 (70)	1	5.8	Chloride:).000		0.000	KCL (%)		Electric Stab (v)	Engineer		1.0	1 '
EC for C	uttings	Whole	Mud Add		ud Lost to	Hole (bbl)	Mud Lost	(Surf) (bl	bl) Mud	Vol (Res) (bb) M	ud Vol (Act) (bbl)	Hi yield gel		138.0	993.60
					170	0.0						340.0	Mica		15.0	
Air Data	a												Sawdust		90.0	
aracita Δ	.CFM (ft³/n	nin)	Drillning	ACFM (ft³)	(min)	ECD Bit (lb	/len/		ECD Para	isite (lb/gal)			Super Sweep		1.0	
arasite A	.O1 W (11 /11	,	Dimpipe	AOI W (It?	,	LOD DII (III	, gai)		LODITAL	isite (ib/gai)			_tax _Walnut - Medium	,	1.0 2.0	
Corrosi	ion Inhi	bitor Inj	ected	in 24hr	Period								Job Supplies	1	2.0	20.90
		arasite (gal)				n Mud (ga)		gls B	iocide Injecte	d in Mud	(gal)	Job Supplies			
													Supply Item Description	on		Unit Label
Orill St													Total Received	Total Consu	med Total	Returned
SHA #2	, Steer	able				Т	ADC Bit Du	ıll			TEA	(incl Noz) (in²)	Total Neceived	Total Consu	ined Total	Cetarried
		FX D55	И, 116	90186					4-X-0-N0	O-TD	' ^	0.86	Diesel Fuel Cor	sumptio		
lozzles (/:	32")		16/	16/16/16	/4.6	<u> </u>		;	String Leng 5,045.		Wt (100	0lbf) BHA ROP (ft. 66.2	. Date		Consu	ımed
rill St	rina Co	mponen		10/10/10	/10				3,043.	01	110	00.2				
71 (0.1.	g cc										max					
Jts	Item D	escription		OD (in)	Len (f	Lob conf		rpm/gpn	Bit-Ben (ft)	d ft. min gpr (gpm)	n gpn (gpn					
	elly			4	<u> </u>	.00		1 -31								
	ill Pipe			4	,											
50 HV				4	,											
	O Sub			6		.90										
	ill Colla	r		6 1/2	177								4			
	abilizer WD - Ga	an suh		8 5/8 6 1/2		.85 .63							=			
1 NN		ap oub		6 1/2		.75							-			
- 1.41				J 1/2		-		<u> </u>	1			L	1			
									P	FCFIV	' F D	Dec. 19,	2011			
									-	LCLIV	בט					



Berry Daily Drilling Report

Report Date: 11/22/2011 Report #: 16, DFS: 8.2

Depth Progress: 302

Well Name:	LC TRIBAL	12H-6-56
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	_												
Drill	Drill String Components												
Jts		n Descri		OD (in)	Len (ft)	Lobe config	Stages	rpm/gpr		end ft. ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Mo	tor 1 c	deg ADJ	6 1/2	2 31.12	7.8	5.7						
	12.'/BTE	3											
Drilli	ng Para	meter	'S	1				1					
Wellbo		Start (ft		Depth End (ft	KB) Cum Deptl	n (ft)	Drill Time	(hrs)	Cum Drill	Time	. Int ROF	(ft/hr)	Flow Rate (gpm)
Origi	nal	4,7	43.0	5,045.0	4,036	.00	7.0	00	61.	00	4	3.1	383
Hole													
WOB (,	RPM (r	' '	SPP (psi)	Rot HL (10				SO HL (1				Off Btm Tq
	20		70	1,775.0	1		11	-	10	_		30.0	2,830.0
Q (g in	j) (ft³/ M		`' '	T (Inj) (°F)	P (BH Ann) (.	T (bh) (°F)	P(Surf A	Ann) T	(surf ar	nn) Q	(liq rtrn) (g	g Q (g return)
		9	8										
Devi	ation Su	ırveys	i										
	MWD S	urveys								_			
Azim			Description				E/	WTie In			•	NSTie In	,
268	. 11/15	/2011	All EM	ND Survey	/S			0.00	0.00	0	.00	0.00	0.00
	ey Data												
	MD (ftKB)	- 00	Incl (°)	Azm (°)	TVD (ftKB	,	NS	. ,	EW	` '		S (ft)	DLS (°/100ft)
	4,745		74.58	271.11	,	31.19		-26.04		180.94		481.40	
İ	4,777		78.00	270.58		88.78		-25.59		512.02		512.46	
	4,809		79.80	269.35		74.94		-25.61		543.42		543.85	
	4,840		80.82	269.70	4,58	30.16	-	-25.86		573.97		574.41	
	4,873	3.00	82.88	269.70	4,58	34.83	-	-26.03	-6	606.64	l l	607.07	6.24
l	4,905	5.00	86.44	271.02	4,58	37.81	-	-25.83	-6	38.49)	638.91	11.86
		00	91.54	264.87	4.58	39.06	-	-28.38	-7	709.38	3	709.84	11.25
	4,976	0.00	91.54	204.07									
	4,976 5,006		91.80	264.69		88.19	-	-31.10	-7	739.24	l l	739.75	1.05

Well Name: LC TRIBAL 12H-6-56

Berry Daily Drilling Report

Report Date: 11/23/2011 Report #: 17, DFS: 9.2

Depth Progress: 0

THE V	veii ivaille	E LC TRIBAL 12H-6-	-50						•	rogress: 0
API/UWI 430133360600	100	Surface Legal Location NESE Sec 6 T5S-R6W	Spud Date Not 10/05/11	tice	APD State Utah		AFE Number C11 0320	I	Total AFE A	mount
Spud Date 11/14/2011 1		Rig Release Date 12/10/2011 6:00:00 AM	KB-Ground Dis	stance (ft)	Ground Elev	ation (ftKB) 6,462	Daily Cost 62,430		Cum Cost T	o Date 331.329
Operations at Repo Building weigh	rt Time	1	Operations Ne	ext 24 Hours	up bha #3, tih		Daily Mud Cost		Mud Additiv	e Cost To Date 19,882
Operations Summa		•	Circ. out ga	as, poon, pk/	up bila #5, tili	bulla cui ve.	Depth Start (ftKB)		Depth End (· ·
		triple combo, log.Loggers o	depth 4996 [Orillers depth	5045. R/D loc	agers.TIH w/	5,045	ľ	Deptii Liid (5,045
		HWDP & DP . Swedge up ar				cementers test	Depth Start (TVD) (ft	KB) [Depth End (TVD) (ftKB)
		ement. (kick off plug) 40 bb					4,587	,		4,587
		al/sk mwr, displaced w/31 b					Target Formation	-	Target Dept	h (ftKB)
		tubing. Ly/dn 6 jts. Well star				. install xo-sub	Uteland Butte			4,534
tih 6 stands DF	P, kelly up sh	ut in well build volume & we	eight up, circ	out gas thro	ugh choke.		Daily Contacts	,		
Remarks							Job Co	ntact		Mobile
Saftey Meeting	ı: Loaaina &	cementina					George Urban			-316-3297
Boiler down. M	lud Lost last	24hr: 0 bbl. Total well 1340	bbl.				Chad D. Beath		866	-910-9236
Fuel used: 486	Fuel on har	nd: 5648					Rigs Contractor		Dia	lumber
Weather		Temperature (°F)	Road Conditio	n	Hole Condition	on	Patterson - UTI		Kig iv	779
Overcast		25.0	Wet		Good		Mud Pumps			770
Last Casing S				# 1, Maxum, N	M-1000					
Casing Description Surface	Set	, , , , , , , , , , , , , , , , , ,	nment itc 0 5/9 36	lb K-55 LT&0	_		Pump Rating (hp)	Rod Diamet	ter (in)	Stroke Length (in)
Juliace		1,001 9 3/0 24	Jis 2 0/0 30	IN IN-OO LI W	J		1,000.0			10.12
Time Log							Liner Size (in)	\	Vol/Stk OR	(bbl/stk)
Start Time End Ti	, ,	Operation			Comment		Broonure (neil 10)	1, Cp.d	Otrolina /-	m) Eff (0/)
06:00 10:00	4.00	Wire Line Logs			Γloggers, ran	triple combo,	Pressure (psi) Slov	w Spd S	Strokes (spr	n) Eff (%)
				og. Loggers dentk	n 4996 Drillers	denth 5045	#2 POMCO			
				Loggers depti R/D loggers.	1 -1000 DIIIIO		# 2, BOMCO, Pump Rating (hp)	Rod Diamet	ter (in)	Stroke Length (in)
10.00					27/0:::		1,000.0		``',	10.12
10:00 18:00	8.00	Trips			2 7/8 tubing. T	UH 4" HWDP &	Liner Size (in)		Vol/Stk OR	
				OP .						
18:00 19:00		Condition Mud & Circulate	I		nd circ. botton	•	Pressure (psi) Slov		Strokes (spr	n) Eff (%)
19:00 20:00	1.00	Run Casing & Cement			Petro cemente	rs test lines . (kick off plug)		No		
						Type G cement	Mud Additive A		Consum	ed Daily Cost
			13	7% CDI 33. 1	7.5 lb wt93	yield, 3.38 gal/sk) I I	Consum	1.0 10.95
					d w/31 bbl 8.9		Engineer			1.0 625.00
20.00	2.00	Tring	-	20011			Hi yield gel			5.0 36.00
20:00 22:00		Trips		POOH	00 1-1-11		Pallets			27.0 486.00
22:00 22:30 22:30 00:00		Condition Mud & Circulate		Flush pipe w/	20 bbi mua.		Sawdust		_	5.0 20.50
00:00 01:00		Trips Miscellaneous			n tubing. Ly/dr	A G ito	Job Supplies			
01:00 06:00		Miscellaneous				w/ 6 jts tubing				
00.00	3.00	Iviiscellarieous				inds DP, kelly up	Supply Item Descript	tion		Unit Label
						weight up, circ				
				out gas throug		J 17	Total Received	Total Consu	imed	Total Returned
							D: 15 10	1		
Mud Checks							Diesel Fuel Co	nsumptio		Consumed
Type Gel-Chem	Time 06:00	Depth (ftKB) Density (lb/ 5.045.0 8.8	0 / \	/qt) P\ 37	/ Calc (cp)	Yield Point (lbf/100ft²) 6.000				
Gel (10s) (lbf/100f	Gel (10m) (lbf/	-,	-		pН	Solids (%)				
4.000	7.000		3.8	1	8.9	3.5				
MBT (lb/bbl)	Percent Oil (%			cium (mg/L)	KCL (%)	Electric Stab (V)	1			
			0.000	90.000						
CEC for Cuttings	Whole Muc	Add (bbl) Mud Lost to Hole (bbl)	Mud Lost (Sur	t) (bbl) Mud Vo	ol (Res) (bbl)	Mud Vol (Act) (bbl) 220.0				
Air Data						220.0	-			
Air Data 11/22/2011 06:	00						1			
Parasite ACFM (ft³/i		Ipipe ACFM (ft³/min) ECD Bit (lb/	/gal)	ECD Parasi	te (lb/gal)					
			9.10							
		ed in 24hr Period								
gls Injected down P	arasite (gal)	gls Injected in Mud (gal))	gls Bio	cide Injected in Mi	ıd (gal)				
Drill Strings										
Bit Run Drill Bit		IF	ADC Bit Dull		TF	A (incl Noz) (in²)				
				100	(n) 10::::					
Nozzles (/32")				String Length	(tt) String Wt (10	000lbf) BHA ROP (ft				
					-CEN/ES	Dog 10	2011			
				K	CEIVED	Dec. 19,	~~			



Berry Daily Drilling Report

Report Date: 11/23/2011 Report #: 17, DFS: 9.2

Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill	String	Com	onents										
Jts	lt	em Desc	cription	OD (in)	Len (ft)	Lobe	Stages	rpm/gpn	Bit-Be		min gpm (gpm)	max gpm (gpm)	SN
Drilli	ng Pa	ramet	ers										
Wellbo	ore	Start	(ftKB)	Depth End (ft	KB) Cum Dept	h (ft)	Drill Time	e (hrs)	Cum Drill	Time	. Int ROP	(ft/hr)	Flow Rate (gpm)
WOB ((1000lbf)	RPM	(rpm)	SPP (psi)	Rot HL (10	000lbf)	PU HL (1	000lbf)	SO HL (1	000lbf)	Drilling '	Torque	Off Btm Tq
Q (g in	j) (ft³/	Motor R	PM (rpm)	T (Inj) (°F)	P (BH Ann) (T (bh) (°F)	P(Surf A	nn) T	(surf ar	nn) Q	(liq rtrn) (g	Q (g return)
Devi	ation \$	Survey	/S										
All E	MWD	Surve	vs										
Azim	Date	,	Description	on			E	WTie In	Inclin	MD Tie	e In (ft	NSTie In	TVDTie In (ft
268	. 11/1	5/201	1 All EM	WD Survey	/S			0.00	0.00	0	.00	0.00	0.00
Surv	ey Dat	a					•			•			
	MD (ftKB	3)	Incl (°)	Azm (°)	TVD (ftKE	3)	NS	(ft)	EW	(ft)	VS	S (ft)	DLS (°/100ft)
						'							

Berry Daily Drilling Report

Report Date: 11/24/2011 Report #: 18, DFS: 10.2

Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 211** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFE Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 66.593 697,922 20.00 6.462 Operations at Report Time Operations Next 24 Hours Daily Mud Cost Mud Additive Cost To Date Drilling cement @ 3570' Drill cement to kop, pooh, mk/up curve bha, tih drill 9,449 29,331 curve Depth Start (ftKB) Depth End (ftKB) 3,359 3,570 Operations Summary Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Circ & build volume, circ out gas through choke @ 1150', Circ out gas, pump lcm pill to regain full circ.holding 25% flow. Spot 10 lb pill on bottom, pooh ly/dn 2 7/8 tbg. Make up bit & bit sub, hook up torque gauge. 3,358 3,569 Target Depth (ftKB) Target Formation Total Safety conducted H2S safety awareness training for rig crews and 3rd party personal. **Uteland Butte** 4,534 TIH, Kelly up, circ. bottoms up @ 3100', tih, Tag cement @ 3359', dress cement to 3570'. **Daily Contacts** Mobile Job Contac Saftey Meeting: H2S Training. 970-316-3297 George Urban Boiler down. Mud Lost last 24hr: 750 bbl. Total well 2090 bbl. Chad D. Beath 866-910-9236 Fuel used: 1082 Fuel on hand: 4566 Rigs Temperature (°F) Road Condition Hole Condition Rig Number Clear Wet 21.0 Good Patterson - UTI 779 **Last Casing Set** Mud Pumps Set Depth (ftKB) OD (in) Comment Casing Description Surface 1,001 9 5/8 24 its 9 5/8 36 lb K-55 LT&C #1, Maxum, M-1000 Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 1,000.0 10.12 Time Log Vol/Stk OR (bbl/stk) Start Time | End Time | Dur (hrs) Operation Comment Liner Size (in) 06:00 10:30 4.50 Condition Mud & Circulate Circ & build volume, circ out gas through Pressure (psi) | Slow Spd choke @ 1150' Strokes (spm) Eff (%) No TIH to 3000' 10:30 12:00 1.50 Trips #2, BOMCO, F-1000 12:00 15:00 3.00 Condition Mud & Circulate Circ out gas, pump Icm pill to regain full Rod Diameter (in) Stroke Length (in) circ.holding 25% flow. Spot 10 lb pill on Pump Rating (hp) 1,000.0 10.12 bottom Liner Size (in) Vol/Stk OR (bbl/stk) Total Safety conducted H2S safety awareness training for rig crews and 3rd Pressure (psi) Slow Spd Strokes (spm) Eff (%) party personal. No 15:00 20:00 5.00 Trips POOH & ly/dn 2 7/8 tubing. **Mud Additive Amounts** Consumed **Daily Cost** 20:00 20:30 0.50 Miscellaneous Make up bit & bit sub, hook up torque Anco gel 385.70 58.0 gauge. AncoBar 562.0 5,676.20 00:00 TIH 20:30 3.50 Trips Chemseal 12.0 131.40 01:00 1.00 Condition Mud & Circulate 00:00 Kelly up, circ. bottoms up @ 3100' Engineer 1.0 625.00 01:00 02:00 1.00 Trips TIH to 3359. Hi yield gel 152.0 1,094.40 02:00 06:00 4.00 Drill Out Cement/Retainers Tag cement @ 3359', dress cement to Salt 6.49 3570'. 1.0 Sawdust 80.0 328.00 Shrink Wrap 27.0 486.00 **Mud Checks** Depth (ftKB) Yield Point (lbf/100ft²) Time Density (lb/gal) Vis (s/qt) PV Calc (cp) Type Super Sweep 1.0 106.60 Gel-Chem 06:00 5,045.0 9.30 44 10.000 609.06 tax 1.0 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") olids (%) Job Supplies 10.000 18.000 22.000 10.8 2 9.7 4.8 MBT (lb/bbl) Percent Oil (%) Percent Water (%) Chlorides (mg/L) Calcium (mg/L) KCL (%) Electric Stab (V) Supply Item Description Unit Label 94.2 750.000 30.000 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Total Received Total Consumed Total Returned 750.0 210.0 Air Data Diesel Fuel Consumption Date Consumed Parasite ACFM (ft³/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Corrosion Inhibitor Injected in 24hr Period als Injected in Mud (gal) als Biocide Injected in Mud (gal) gls Injected down Parasite (gal) **Drill Strings** BHA #3, Dress plug IADC Bit Dull Bit Run Drill Bit TFA (incl Noz) (in²) 8 3/4in, EQH27R -RR, 11448532 1 1-1-NO-A-1-0-NO-TD 1.33 Nozzles (/32") String Length (ft) String Wt (1000lbf) BHA ROP (ft... 24/24/24 4,596.11 47.9 **Drill String Components** max gpm (gpm) Bit-Bend ft. min gpm OD (in) config Item Description Len (ft) rpm/apm SN Kelly 43.00 94 Drill Pipe 3,008.00 50 HWDP 4 1,539.92 1 Bit sub 6 5.19

Berry Daily Drilling Report

Report Date: 11/24/2011 Report #: 18, DFS: 10.2

Depth Progress: 211

Well Name:	LC TRIBAL	12H-6-56
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Drilling Parameters									
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)		
Original	3,359.0	3,570.0	211.00	4.00	4.00	52.7	351		
Hole									
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq		
34	80	850.0							
Q (g inj) (ft ³ / N	Notor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (q	g Q (g return)		

Deviation Surveys

ΛII	1\A/I	n c		evs/
AII	1 V V I	_ 3	ui v	/e:v:

 Azim...
 Date
 Description
 EWTie In...
 Inclin...
 MD Tie In (ft...
 NSTie In ...
 TVDTie In (ft...

 268...
 11/15/2011
 All EMWD Surveys
 0.00
 0.00
 0.00
 0.00
 0.00

Survey Data

oui vey Data								
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	69.40	0.26	

Berry Daily Drilling Report

Report Date: 11/25/2011 Report #: 19, DFS: 11.2

Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 340** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFE Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 6.462 39.284 737,206 20.00 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Monitor H2S. Monitor H2S and drill 32,347 3,016 Operations Summary Depth Start (ftKB) Depth End (ftKB) Drill cement f/3591' to 3850', circ bottoms up, POOH, ly/dn bit, bit sub. Make up curve BHA program mwd and 3,570 3,910 scribe to motor. TIH, ly/dn 4 stds f/derrick, brk/circ. drill cement f/ 3850' to 3910', H2S monitors wet off Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) evacuated floor and all 3rd party personnel to muster area. At present we have 135ppm on floor and 105 at 3,569 3,909 shaker. Total Safety is on the way to access the situation.. Target Depth (ftKB) Target Formation **Uteland Butte** 4,534 Remarks Saftey Meeting: H2S Training. **Daily Contacts** Mobile Job Contac Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 2090 bbl. 970-316-3297 George Urban Fuel used: 1002 Fuel on hand: 3564 Chad D. Beath 866-910-9236 Weather Temperature (°F) Hole Condition Road Condition Dry Rigs Good Overcast 23.0 Rig Number **Last Casing Set** Patterson - UTI 779 OD (in) Casing Description Set Depth (ftKB) Comment **Mud Pumps** Surface 1,001 9 5/8 24 its 9 5/8 36 lb K-55 LT&C #1, Maxum, M-1000 Time Log Rod Diameter (in) Pump Rating (hp) Stroke Length (in) Dur (hrs) Comment 1,000.0 Operation 10.12 5.50 Drilling 11:30 Drill cement f/3591' to 3850 06:00 Vol/Stk OR (bbl/stk) Liner Size (in) 11:30 13:00 1.50 Condition Mud & Circulate Circ bottoms up spot 15 bbl 10lb pill on Pressure (psi) | Slow Spd Strokes (spm) Eff (%) bottom. No 5.00 Trips POOH, ly/dn bit, bit sub. 13:00 18:00 #2, BOMCO, F-1000 3.00 Directional Work 18:00 21:00 Make up curve BHA program mwd and Rod Diameter (in) Stroke Length (in) Pump Rating (hp) scribe to motor. 1,000.0 10.12 3.50 Trips 21:00 00:30 TIH Liner Size (in) Vol/Stk OR (bbl/stk) 00:30 01:00 0.50 LD Drillpipe ly/dn 4 stands from derrick 01:00 01:30 0.50 Condition Mud & Circulate Kelly up break circ. Pressure (psi) Slow Spd Strokes (spm) Eff (%) Drill cement f/3850' to 3910'. No 01:30 03:30 2.00 Drilling 2.50 Miscellaneous H2S monitors wet off evacuated floor and all 03:30 06:00 **Mud Additive Amounts** Consumed **Daily Cost** 3rd party personnel to muster area. At Anco gel 80.0 532.00 present we have 135ppm on floor and 105 at shaker. Total Safety is on the way to ANCO LIG 12.0 93.00 access the situation.. AncoBar 105.0 1,060.50 Bicarb 21.0 317.52 **Mud Checks** DescoChrome Free 3.0 146.85 Depth (ftKB) Density (lb/gal) PV Calc (cp) Yield Point (lbf/100ft²) Time Vis (s/qt) Engineer 625.00 1.0 Gel-Chem 06:00 3.850.0 9.20 38 24.000 Pallets 2.0 36.00 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) Salt 2.0 12.98 48 16.000 19.000 24.000 2 12.9 Shrink Wrap 2.0 36.00 MBT (lb/bbl) KCL (%) Electric Stab (V) Percent Oil (%) Percent Water (%) Chlorides (ma/L) Calcium (mg/L) 156.44 tax 1.0 93.7 1.100.000 90.000 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Job Supplies 330.0 Supply Item Description Unit Label Air Data Total Received Total Consumed Total Returned Parasite ACFM (ft³/min) Drillpipe ACFM (ft3/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Diesel Fuel Consumption Corrosion Inhibitor Injected in 24hr Period Date Consumed gls Injected down Parasite (ga gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) **Drill Strings** BHA #3, Dress plug IADC Bit Dull Bit Run Drill Bit TFA (incl Noz) (in²) 8 3/4in, EQH27R -RR, 11448532 1-1-NO-A-1-0-NO-TD 1.33 BHA ROP (ft... Nozzles (/32") String Length (ft) | String Wt (1000lbf) 24/24/24 4,596.11 47.9 **Drill String Components** max Bit-Bend ft. min gpm gpm Lobe (qpm) Len (ft) config Item Description OD (in) Stages rpm/qpm Kelly 43.00 94 Drill Pipe 3.008.00 4 50 HWDP 1,539.92 4 1 Bit sub 6 5.19

Berry Daily Drilling Report

Report Date: 11/25/2011 Report #: 19, DFS: 11.2 Depth Progress: 340

h		Well Name	e: LC TR	IBAL 12I	H-6-	56					
Drilli	ing Par	ameters									
Wellbo	ore	Start (ftKB)	Depth End (ftK	B) Cum Depth	(ft)	Drill Time	(hrs) C	um Drill Time .	Int ROP	(ft/hr)	Flow Rate (gpm
Origi Hole		3,570.0	3,850.0	491.0	10	5.5	50	9.50	50	0.9	351
NOB ((1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (100	00lbf)	PU HL (1	000lbf) S	O HL (1000lbf)	Drilling 1	Torque	Off Btm Tq
	34	80	850.0								
Q (g in	ij) (ft³/ N	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (. T (bh	n) (°F)	P(Surf Ar	nn) T (surf a	nn) Q (liq rtrn) (g	Q (g return)
Wellbo Origi Hole		Start (ftKB) 3,850.0	Depth End (ftKl 3,910.0	B) Cum Depth	(ft)	Drill Time 2.0	` ′	cum Drill Time .	Int ROP	(ft/hr)	Flow Rate (gpr 351
WOB ((1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (100	00lbf)	PU HL (1	000lbf) S	O HL (1000lbf)	Drilling 1	Torque	Off Btm Tq
	34	80	850.0								
Q (g in	ij) (ft³/ N	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (. T (bh	n) (°F)	P(Surf Ar	nn) T (surf a	nn) Q (liq rtrn) (g	Q (g return)
Drill	Strings	.									
вна	#4, Cu	rve									
3it Rui					IA	DC Bit Du			_	TFA (inc	Noz) (in²)
2		in, FX D55M,	11690186			1.	_	-X-0-NO-TI			0.98
Nozzle	es (/32")		16/16/16/16/	16			S	string Length (ft 4,951.38) String W	/t (1000lbf	31.0
Drill	String	Components									
11-	14.0	December	OD (in)	1 (6)	Lobe config	01		Bit-Bend ft.	min gpm (gpm)	max gpm (gpm)	ON
Jts	Kelly	m Description	OD (in) 4	Len (ft) 43.00	corning	Stages	rpm/gpm	(11)	(gpiii)	(95)	SN
Ω1	Drill Pi	20	4	2.625.50							
	HWDP		4	1,539.92							
	Drill pip		4	642.05							
	XO Sul		6 3/4	2.60							
	NMDC	J	6 1/2	30.78							
	Gap su	ıh	6 1/2	5.63							
	NMDC	iD .	6 1/2	30.74							
		otor 7/8	6 1/2	31.16							
ı		ge 2.12 bendg	0 1/2	31.10							
Drilli	ng Par	ameters		'		'		<u>'</u>	,	·	
Wellbo		Start (ftKB)	Depth End (ftK		` '	Drill Time		um Drill Time .	1		Flow Rate (gpr
Origi Hole	nal	3,850.0	3,910.0	60.00)	2.0	00	2.00	30	0.0	418
WOB ((1000lbf) 18	RPM (rpm) 65	SPP (psi) 1,550.0	Rot HL (100	00lbf)	PU HL (1	000lbf) S	O HL (1000lbf)	Drilling T	Torque	Off Btm Tq
⊋ (g in	ıj) (ft³/ N	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (. T (bh	n) (°F)	P(Surf Ar	nn) T (surf a	nn) Q (liq rtrn) (g	Q (g return)
Devi	ation S	urveys									
		Surveys									
۹zim	. Date	Descript				E			,		TVDTie In (fi
268			IWD Surveys	i			0.00	0.00	0.00	0.00	0.00
	ey Data MD (ftKB)		A 7m (9)	T//D (#//D)	\	NS	(f+)	E\\\/ (f4\	\ \(\(\)	6 (ft)	DI C (0/400#
	. ,	Incl (°) 5.00 2.02	Azm (°) 2 251.60	TVD (ftKB)	3.79		-36.25	EW (ft) -75.92		76.72	DLS (°/100ft 0.2
	,	1		,					-1		
	3,89	0.00 1.71	229.54	ა,88	8.69		-39.22	-81.39	9	82.26	0.4

Berry Daily Drilling Report

Report Date: 11/26/2011

Report #: 20, DFS: 12.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 686** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFF Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 6.462 40.249 20.00 777,455 Operations at Report Time Operations Next 24 Hours Daily Mud Cost Mud Additive Cost To Date Drilling @ 4596' Drill 8 3/4 curve 1,971 34,318 Operations Summary Depth Start (ftKB) Depth End (ftKB) Wait on Total Safety to arrive location and sniff test for H2S, found no gas. Determined there were 2 faulty 3,910 4,596 sensors, replaced sensors and resume drilling. Drill f/3910' to 4596' w/surveys and slides. Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Remarks 3,909 4,502 Target Depth (ftKB) Target Formation Saftey Meeting: Cold weather. **Uteland Butte** 4,534 Boiler 24hr. Mud Lost last 24hr: 435 bbl. Total well 2525 bbl. Fuel used: 1209 Fuel on hand: 2355 **Daily Contacts** Mobile Job Contac Weather Temperature (°F) Hole Condition Road Condition 970-316-3297 George Urban Clear 15.0 Dry Good Chad D. Beath 866-910-9236 **Last Casing Set** Set Depth (ftKB) OD (in) Rigs Casing Des 9 5/8 24 jts 9 5/8 36 lb K-55 LT&C Rig Number Surface 1.001 Patterson - UTI 779 Time Log
Start Time | End Time | Dur (hrs) Mud Pumps Operation Comment # 1, Maxum, M-1000 11:00 06:00 5.00 Miscellaneous Wait on Total Safety to arrive location and Pump Rating (hp) Rod Diameter (in) Stroke Length (in) sniff test for H2S, found no gas. Determined 1,000.0 10.12 there were 2 faulty sensors, replaced Liner Size (in) Vol/Stk OR (bbl/stk) sensors and resume drilling. Pressure (psi) | Slow Spd Strokes (spm) Eff (%) 11:00 18:00 7.00 Drilling Drill f/3910' to 4208' w/surveys and slides, No 1700 psi, 20k wob, avg rop 42.5 fph. #2, BOMCO, F-1000 12.00 Drilling Drill f/4208 to 4596' w/surveys and slides, 18:00 06:00 Rod Diameter (in) 1750 psi, 20k wob, avg rop 32.3 fph. Pump Rating (hp) Stroke Length (in) 1,000.0 10.12 04:30 adjusted well plan for 10' drop in TVD. Liner Size (in) Vol/Stk OR (bbl/stk) **Mud Checks** Pressure (psi) Slow Spd Strokes (spm) Eff (%) Depth (ftKB) Density (lb/gal) Vis (s/qt) PV Calc (cp) Yield Point (lbf/100ft²) No Dap 06:00 4,540.0 9.40 38 7.000 **Mud Additive Amounts** Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Ηα Solids (%) Consumed **Daily Cost** Description 4.000 26.000 30.000 13.6 2 12.1 6.4 113.05 Anco gel 17.0 MBT (lb/bbl) KCL (%) Electric Stab (V) Percent Oil (%) Percent Water (%) Chlorides (ma/L) Calcium (mg/L) AncoBar 13.0 131.30 93.1 900.000 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) | Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Bicarb 16.0 241.92 435.0 265.0 Chemseal 1.0 10.95 Air Data DescoChrome Free 2.0 97.90 Engineer 625.00 11/25/2011 06:00 1.0 Parasite ACFM (ft³/min) Drillpipe ACFM (ft3/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) **Pallets** 2.0 36.00 9.74 Sapp 5.0 488.75 Corrosion Inhibitor Injected in 24hr Period Sawdust 25.0 102.50 gls Biocide Injected in Mud (gal) Shrink Wrap 2.0 36.00 88.09 tax 1.0 **Drill Strings** Job Supplies BHA #4, Curve IADC Bit Dull Supply Item Description Unit Label Bit Run Drill Bit TFA (incl Noz) (in²) 2 8 3/4in, FX D55M, 11690186 1-1-CT-N-X-0-NO-TD 0.98 Nozzles (/32") String Length (ft) | String Wt (1000lbf) | BHA ROP (ft... Total Received Total Consumed Total Returned 16/16/16/16/16 4,951.38 31.0 **Drill String Components** Diesel Fuel Consumption Consumed max Date Lobe Bit-Bend ft. min gpm gpm Item Description OD (in) Len (ft) confia Stages rpm/gpm (gpm) SN Kelly 4 43.00 81 Drill Pipe 4 2,625.50 50 HWDP 4 1,539.92 20 Drill pipe 4 642.05 1 XO Sub 6 3/4 2.60 1 NMDC 6 1/2 30.78 5.63 1 Gap sub 6 1/2 1 NMDC 6 1/2 30.74 1 Mud Motor 7/8 6 1/2 31.16 5.7stage 2.12 bendg



Berry Daily Drilling Report

Report Date: 11/26/2011 Report #: 20, DFS: 12.2

Well Name: LC TRIBAL 12H-6-56

Depth Progress: 686

Diffilling I ar											
Wellbore	ore Start (ftKB)			(B) Cum Depth (ft	- 1	ime (hrs)	Cum Drill		l		Flow Rate (gpm
Original Hole	3,9	910.0	4,596.0	746.00	1	19.00	21.0	00	;	36.1	351
VOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000ll	of) PU HI	L (1000lbf)	SO HL (1	000lbf)	Drilling	g Torque	Off Btm Tq
20			1,750.0								
Q (g inj) (ft³/	Motor RP	'M (rpm)	T (Inj) (°F)	P (BH Ann) (T	(bh) (°F)	P(Surf	Ann) T	(surf ani	n) C	ર્ર (liq rtrn) (g	Q (g return)
Deviation S											
AII EMWD S	Survey						_				
Azim Date	E/0044	Description		_		EWTie In		MD Tie			,
	5/2011	All EIVI	WD Survey	S		0.00	0.00	0.0	00	0.00	0.00
Survey Data MD (ftKB)		Incl (°)	Azm (°)	TVD (ftKB)		NS (ft)	EW	/f+\	· \	VS (ft)	DLS (°/100ft)
, ,	36.00	3.16	. ,	3,934.		-40.05		83.12	'	84.00	3.7
-	32.00	3.60		4,030.		-41.71		88.53		89.45	0.4
,	34.00	3.69		4,062.		-42.25		90.50		91.42	0.6
,	7.00	5.32		4,095.		-42.63		93.05		93.99	5.3
,	30.00	8.13	269.61	4,128.		-42.77		96.91		97.85	8.6
,	32.00	11.65	272.69	4,159.		-42.64	l	02.40		103.34	11.1
-	94.00	14.68	274.98	4,190.	76	-42.13	-1	09.67		110.59	9.6
4,22	27.00	17.71	275.33	4,222.	45	-41.30	-1	18.84		119.74	9.1
4,25	9.00	20.96	275.77	4,252.	64	-40.27	-1	29.38		130.25	10.1
4,29	2.00	24.70	276.21	4,283.	05	-38.94	-1	42.11		142.95	11.3
4,32	24.00	28.21	275.77	4,311.	69	-37.45	-1	56.29		157.09	10.9
4,35	7.00	31.99	275.33	4,340.	24	-35.85	-1	72.76		173.52	11.4
4,39	00.00	36.08	274.71	4,367.	58	-34.24	-1	91.15		191.87	12.4
4,42	22.00	39.95	273.83	4,392.	78	-32.78	-2	10.80		211.49	12.2
4,45	54.00	44.03	272.95	4,416.	56	-31.52	-2	32.17		232.82	12.8
4,48	37.00	47.81	271.46	4,439.	52	-30.62	-2	55.85		256.48	11.9
4,51	8.00	51.90	270.85	4,459.	50	-30.15	-2	79.54		280.15	13.2
4,55	0.00	55.77	270.49	4,478.	38	-29.85	-3	05.37		305.96	12.1
	33.00	59.06	270.76	4,496.	4.5	-29.54	۱ م	33.17		333.75	9.9

Berry Daily Drilling Report

Report Date: 11/27/2011 Report #: 21, DFS: 13.2

Well Name: LC TRIBAL 12H-6-56 Depth Progress: 355

III	W	ell Name	: LCTR	IBAL 12	H-6-	56							De	pth F	Progre	ess: 355
API/UW			Surface Legal			Spud Dat			APD St	ate		AFE Number		Total AF	E Amoun	t
43013 Spud Da	33606000 ate	00	NESE Sec Rig Release D	6 T5S-R6V		10/05/	1 nd Distance	e (ft)	Utah	l Elevatio	n (ftKR)	C11 032 Daily Cost	038	Cum Co	ost To Dat	9
•	4/2011 1:	30:00 AM	"	11 6:00:00 i		ND-GIOUI	20.0	` '	Ground		462	45,49	1	Cum Co	822,	
Operation	ons at Report	Time					s Next 24		-			Daily Mud Cost		Mud Ad	ditive Cos	t To Date
POOF	1								up latera	ıl bha, t	tih, drill shoe	5,37			39,6	89
						тгаск а	nd new	noie.				Depth Start (ftKB) 4,596	:	Depth E	nd (ftKB) 4,9	51
	ons Summary		rvice Drill f	/4693' to 47	725' c	ire mica	sween	around D	rill f/472	5' to 49	951', circ 2-20	Depth Start (TVD) (Depth E	nd (TVD)	
			ip 15 stds,						1111 1/4/2	0 10 40	001, 0110 2 20	4,502	,	"	4,5	
Remark	•		,				71					Target Formation		Target [Depth (ftK	,
			ner & trippin									Uteland Butte			4,5	34
			24hr: 80 bbl.	. Total well	2605 l	bbl.						Daily Contact				Mobile
		Fuel on ha										George Urban	ontact	9	970-316	
Weather	r		Temperature (°F) 12.0		Road Cor Dry	ndition		Good	ondition		Chad D. Beath	ı		366-910	
	Casina Ca	.4		12.0		ыу			Good	<u> </u>		Rigs				
	Casing Se Description		Depth (ftKB)	OD (in)	Com	ment						Contractor		F	Rig Numbe	
Surfac	ce		1,001	9 5/8	24 j	its 9 5/8	36 lb K	C-55 LT&C				Patterson - UT	1			779
T:					•							Mud Pumps				
Time Start Tir	Log me ∣ End Tim	e Dur (hrs)		Operation	<u> </u>				Comm	nent		# 1, Maxum, Pump Rating (hp)	M-1000 Rod Diame	otor (in)	Stroke	Longth (in)
06:00	10:30	, ,	Drilling	орогалог			Drill f	/4596' to 4			s and slides,	1,000.0	Rod Diame	eter (III)	Stroke	Length (in) 10.12
			J				1750	psi, 20k w	ob, avg	rop 21	.5 fph.	Liner Size (in)		Vol/Stk	OR (bbl/s	
10:30	11:00	0.50	Lubricate R	Rig			Rig s	ervice				1			•	,
11:00	12:30	1.50	Drilling	-			Drill f	/4693' to 4			s and slides,	Pressure (psi) Slo	ow Spd	Strokes	(spm)	Eff (%)
							1750	psi, 20k w	∕ob, avg	rop 21	.3 fph		No			
12:30	13:00		Condition N	/lud & Circu	ulate			mica swee				# 2, BOMCO,		otor (;-)	Ctral	Longth (:=)
13:00	21:30	8.50	Drilling								s and slides,	Pump Rating (hp) 1,000.0	Rod Diame	eret (IU)	SILOKE	Length (in) 10.12
											.6 fph. put 2	Liner Size (in)		Vol/Stk	OR (bbl/s	
								os on line 5]				
21:30	23:00		Condition N	∕lud & Circu	ulate			2-20bbl Hi-		eps to	surface	Pressure (psi) Slo	ow Spd	Strokes	(spm)	Eff (%)
23:00	00:30		Trips				- 1	and short t	•				No			
00:30	01:30		Condition N	/lud & Circu	ulate			20 bbl sv	veep arc	ound.		Mud Additive Descript		Con	sumed	Daily Cost
01:30	06:00	4.50	Trips				POO	H				Anco drill	1011	0011	1.0	65.98
Mud (Checks											Anco gel			115.0	764.75
Туре		Гime	Depth (ftK		sity (lb/g		/is (s/qt)		Calc (cp)	Yiel	d Point (lbf/100ft²)	ANCO LIG			20.0	155.00
Dap	-) (II-f/4.00f	06:00	4,95		9.35		49	I			10.000	AncoBar			15.0	151.50
,	s) (lbf/100f .000	Gel (10m) (lbf/ 11.000	1 .	i) (lbf/10 Filt .000	trate (mi 9.	,	Filter Cak	te (/32") pH	1 11.0		Solids (%) 7.0	Bicarb			18.0	272.16
MBT (lb/		Percent Oil (%)	I .		lorides (Calcium (CL (%)		Electric Stab (V)	Chemseal			1.0	10.95
1	15.0			3.0	950.	000		000				Dap			36.0	828.00
CEC for	Cuttings	Whole Mud	Add (bbl) M	ud Lost to Hole	e (bbl)	Mud Lost	(Surf) (bbl) Mud Vol	(Res) (bbl)	Muc	I Vol (Act) (bbl)	Drispac reg			4.0	780.00
				80.0							315.0	Engineer			1.0	625.00
Air Da		\ <u>^</u>										Mica			15.0	125.40
	/2011 06:0 ACFM (ft³/m		pipe ACFM (ft³/	/min) FCD	Bit (lb/g	nal)		ECD Parasite	(lh/gal)			Sapp			8.0	782.00
araono	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	piportoi iii (itr	,		9.65	ľ	202 . α.αοπο	(ib/gai)			Sawdust Super Sweep			50.0 1.0	205.00 106.60
Corro	sion Inhil	bitor Inject	ed in 24hr	Period								tax			1.0	310.48
	ted down Pa			s Injected in Mu	ud (gal)			gls Biocio	de Injected	in Mud (gal)	Walnut - Mediu	ım		18.0	188.10
												Job Supplies	AIII		10.0	100.10
Drill S	Strings											Job Supplies				
	#4, Curve											Supply Item Descrip	otion			Unit Label
Bit Run	Drill Bit				IAI	DC Bit Du				TFA (ir	ncl Noz) (in²)					
2		FX D55M, 1	1690186			1.		-X-0-NO-T			0.98	Total Received	Total Cons	sumed	Total I	Returned
Nozzles	(/32")		16/16/16/16	:/16			S	tring Length (f 4.951.38	tt) String v	Vt (1000I	bf) BHA ROP (ft 31.0	Discol Food O				
Drill S	String Cor	nponents	10/10/10/10	,, 10				7,001.00			01.0	Diesel Fuel Co	onsumptio	on 	Consu	med
J. III G	g 001	ponenta								max						
Ita	lan D	noorintie n	OD (%)		Lobe	Ctor	rope /a	Bit-Bend ft. (ft)	min gpm (gpm)	gpm (gpm)	CN					
Jts k	Kelly	escription	OD (in) 4	Len (ft) 43.00		otages	rpm/gpm	(11)	(gpiii)	(96111)	SN	1				
	Orill Pipe		4						1			+				
	HWDP		4	-					1			†				
	Orill pipe		4		1							†				
	XO Sub		6 3/4		1				1			1				
	NMDC		6 1/2									1				
	Gap sub		6 1/2									1				
	NMDC		6 1/2						1			1				
	Mud Motor		6 1/2		1				1			1				
5	5.7stage 2	.12 bendg							1							
								DE4	CENV	ED	Dec. 10	2011				
								RE	CEIV	ED_	Dec. 19,	'ZUII				



Berry Daily Drilling Report

Report Date: 11/27/2011 Report #: 21, DFS: 13.2

Depth Progress: 355

Well Name:	LC TRIBAL	12H-6-56
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Drillin	g Para	mete	rs												
Wellbore	9	Start (f	tKB)	Depth End (f	tKB)	Cum Depth ((ft)	Drill Tir	ne (hrs)	Cum E	rill Time	Int RO	OP (ft/hr)	Flow F	Rate (gpm)
Origin	al	4,5	596.0	4,951.0)	1,101.0	00	1	4.50	3	5.50		24.5		517
Hole															
WOB (1	000lbf)	RPM (r	rpm)	SPP (psi)		Rot HL (1000	Olbf)	PU HL	(1000lbf)	SO HL	(1000lbf)	Drillin	g Torque	Off Btr	n Tq
2	24			2,450.0)	103			111		98	6	,380.0	2,	810.0
Q (g inj)	(ft³/ M	otor RP	M (rpm)	T (Inj) (°F)	Р((BH Ann) (T (bl	h) (°F)	P(Sur	Ann)	T (surf an	n) (Q (liq rtrn) (g	Q (g	return)
		1:	24												
Devia	tion Su	irveys	3		•							•			
All EN	/IWD S	urvey	s												
Azim	Date		Description	on					EWTie In	Inclin	MD Tie	In (ft	. NSTie In	TVD	Tie In (ft
268	11/15	/2011	All EM	WD Surve	ys				0.00	0.0	0 0.	00	0.00		0.00
Surve	y Data									•				•	
M	D (ftKB)		Incl (°)	Azm (°)		TVD (ftKB)		N	IS (ft)	E	W (ft)		VS (ft)	DLS	(°/100ft)
	4,615	5.00	61.61	270.49		4,511	.99		-29.24	1	-360.97		361.53		8.00
	4,647	7.00	64.34	271.20		4,526	3.53		-28.82	2	-389.47		390.02		8.76
	4,680	0.00	67.19	272.08		4,540	0.07		-27.96	3	-419.54		420.07		8.97
	4,712	2.00	71.10	271.99		4,551	.46		-26.89	9	-449.42		449.91		12.22
	4,745	5.00	74.58	271.11		4,561	.19		-26.04	1	-480.94		481.40		10.85
	4,777	7.00	78.00	270.58		4,568	3.78		-25.59	9	-512.02		512.46		10.81
	4,809	00.6	79.80	269.35		4,574	1.94		-25.61		-543.42		543.85		6.77
	4,840	0.00	80.82	269.70		4,580).16		-25.86	6	-573.97		574.41		3.47
	4,873	3.00	82.88	269.70		4,584	1.83		-26.03	3	-606.64		607.07		6.24
	4,905	5.00	86.44	271.02		4,587	7 .81		-25.83	3	-638.49		638.91		11.86
										-					

Berry Daily Drilling Report

) Wal	l Noma	. I C TDIE	AL 42U 6		rry Daily Dr	illing Report		Repo	t Date: 11/ rt #: 22, Di	S: 14.2
API/UWI	wei	ı name	Surface Legal Loc		Spud Date N	Votice	APD State	AFE Number	L	Depth Programme Total AFE Amoun	
4301333	36060000		NESE Sec 6	T5S-R6W	10/05/11		Utah	C11 03	2038		
Spud Date 11/14/	2011 1:30	:00 AM	Rig Release Date 12/10/2011	6:00:00 AM	KB-Ground	Distance (ft) 20.00	Ground Elevation (ftKB) 6,462	Daily Cost 204,0	32	Cum Cost To Date 1,026	
Operations	at Report Ti		1 1 1 1 1 1 1 1 1		1 '	Next 24 Hours	· · · · · · · · · · · · · · · · · · ·	Daily Mud Cost		Mud Additive Cos	t To Date
TIH @ 3	3450' Summary				TIH, Drill	out shoe track an	d 6 1/8 lateral.	2,29 Depth Start (ftKB)	17	41,9 Depth End (ftKB)	
Ly/dn cu	ırve bha, I						sing and rig crew, rig up	4,95	1	4,9	
			N-80 casing. \ ost 500 bbl wh				3 jts to bottom no problem.	Depth Start (TVD)	, ,	Depth End (TVD)	, ,
							and casing @ 4933'.	4,59 Target Formation	10	4,59 Target Depth (ftKl	
			-off w/ 5,000 p	si. f/ 5 min. l	HPJŠM w/P	ro-Petro cemente	ers, tested lines to 2000 psi	Uteland Butte		4,53	34
	nented as decided as d		h - 20 bbls. Fr	esh water - 1	120 sx. Lea	d w/ 6% Gel. 10 lb	o/sx Gilsonite, 3 lb/sx GR-3	Daily Contac	ts Contact		Mobile
3% Salt	, 1/4 lb/sx	Flocele,	11.0 ppg, 3.82	yield, 23 ga	l/sx H2O - 1	Tail: 240 sx. 65% o	cmt. 35% POZ 6% gel, 10	George Urbar		970-316	
							7 gal/sx mix water- ats held, had full returns	Marshall E. G	allegos	505-947	'-3660
			ement returns		ватреа рк	19 W/ 1700 p3i, 110	ats ricia, riad fail retains	Rigs Contractor		Die Norde	
	ear bushi 22:30 hrs.		lateral bha, pro	ogram mwd	& scribe to	motor, tih.		Patterson - U	TI	Rig Numbe	779
CIP @ 2	22:30 HIS.	On 11-27	-2011					Mud Pumps			
								# 1, Maxum,			1 (1 (1)
Remarks Saftev N	Лeetina: R	unnina c	asing and cem	nenting.				Pump Rating (hp) 1,000.0	Rod Diame	eter (in) Stroke	Length (in) 10.12
Boiler 2	4hr. Mud L	ost last 2	24hr: 550 bbl. ⁻		55 bbl.			Liner Size (in)		Vol/Stk OR (bbl/s	
	ed: 1221 F	uel on ha						Pressure (psi) S	low Spd	Strokes (spm) E	Eff (%)
Weather Clear			Temperature (°F)	7.0	Road Condi Dry	tion	Hole Condition Good	l'iosodie (poi)	No	Otroitos (opini)	-11 (70)
	sing Set				,		1000	#2, BOMCO			
Casing De	scription	Set		` '	omment	2# N 00 LT0 C		Pump Rating (hp) 1,000.0	Rod Diame	eter (in) Stroke	Length (in) 10.12
Interme	diate		4,933	7 1	22 jts. 7 20	6# N-80 LT&C		Liner Size (in)		Vol/Stk OR (bbl/st	
Time Lo		Dur (hra)		Operation		I	Commont	Pressure (psi) S	low Spd	Strokes (spm) E	Eff (%)
06:00	End Time 08:00	Dur (hrs) 2.00	Directional W	Operation ork		Ly/dn curve bha	Comment	Pressure (psi)	No No	Strokes (spiri)	_11 (70)
08:00	09:00	1.00	Miscellaneous	S			g and prep floor for casing	Mud Additive		,	
22.22	10.00	4.00	D 0 : 0			run.		Anco gel	otion	Consumed 35.0	Daily Cost 232.75
09:00	10:00	1.00	Run Casing &	Cement		Same.	sing and rig crew, rig up	ANCO LIG		4.0	31.00
10:00	16:00	6.00	Run Casing 8	k Cement		Ran 118 jts 7" 26	6 lb N-80 casing.	Chemseal		2.0	l .
16:00	18:00		Run Casing &			Work tight spot f/	4700' to 4780'. Ran last 3	Engineer		1.0	l .
							oroblem. FS @ 4931' FC @ obl while working casing	Hi yield gel Mica		70.0 15.0	l .
						and circ. on hole		Pallets		12.0	
						Ran total of 122 j	jts 7" 26lb N-80 LT&C.	Salt		1.0	
18:00	19:00	1.00	Miscellaneous	S		Mk/up casing har	nger to landing joint and	Sawdust		25.0	l .
						land casing @ 49		Shrink Wrap Super Sweep		12.0 1.0	
19:00	19:30	0.50	Run Casing &	& Cement		Cameron Tech te	ested pack-off w/ 5,000 psi.	tax		1.0	
19:30	20:30	1.00	Condition Mu	d & Circulate	<u> </u>		e & circulate through the 3"	Job Supplies	;		
							neron 9 5/8" Well head.				
20:30	22:30	2.00	Run Casing &	k Cement			etro cementers, tested lines	Supply Item Desci	ription		Unit Label
							cemented as follows: Mud Flush - 20 bbls. Fres	Total Received	Total Cons	umed Total F	Returned
						water - 120 sx. L	ead w/ 6% Gel, 10 lb/sx		`anaumntia		
							GR-3, 3% Salt, 1/4 lb/sx g, 3.82 yield, 23 gal/sx H2O	Diesel Fuel C		On Consu	med
						- Tail: 240 sx. 65°	% cmt. 35% POZ 6% gel,				
							e, .2% CFL 115, 1/4 lb/sx t, 13.1 ppg, 1.70 Yield, 7.7				
							Displaced w/ 192.3 bbls.				
							: 1200 psi. Bumped plug w	′			
							neld, had full returns / 2 bbls. cement returns to				
						surface.					
						CIP @ 22:30 hrs	. on 11-27-2011				
22:30	00:00	1.50	Miscellaneous	S		Install wear bush lateral bha.	ing and prep floor for 6 1/8	"			
00:00	03:00	3.00	Directional W	ork			ctional bha, make up motor	-			
						& mwd program i	mwd & scribe to motor.				
03:00	06:00	3.00	Trips			TIH w/BHA #5 6	1/8 bit.	4			
						DEC.	EIVED Dec. 19,	2011			
						KLC					

Berry Daily Drilling Report

Report Date: 11/28/2011 Report #: 22, DFS: 14.2

Depth Progress: 0

ype	hecks	Time		Depth (ft	KB)	Dei	nsity (lb/	nal)	Vis (s/qt)		PV C	alc (cp)	Vio	ld Point (lbf/100ft²)
el-Ch	em	111116	06:00		51.0		8.8	· /		2	1	aic (cp)	110	7.000
. ,	•	Gel (10m) (lbf/1		, ,			L/30min)	Filter Ca	,	(32") pH			Solids (%)
	000	D	8.000 ent Oil (%)	1 ² Percent	1.000		10 hlorides	-	Calcium	1	(1)	10.8 L (%)		3.5
MBT (lb/bl	0.0	Perc	ent Oii (%)		wate 96.5	1 (%)	900			0.00	·	L (%)		Electric Stab (V)
CEC for C	-	v	Vhole Mud			ost to Hol					Mud Vol (Res) (bbl)	Mud	d Vol (Act) (bbl)
		\perp				550.0								420.0
Air Dat	a													
Parasite A	ACFM (ft³/r	nin)	Drillp	ipe ACFM (fi	³/min)	ECI	D Bit (lb/	gal)		EC	D Parasite	(lb/gal)		
_					_									
	ion Inh ed down Pa			ed in 24hr		riod ected in M	lud (gal)				gls Biocid	e Injected	in Mud (gal)
,			,				ιο ,					•	`	
Drill St	ringe													
	5. Steer	able												
Bit Run		EV.	4D 446	70000			IA	DC Bit D		V (NO DT	_	TFA (ii	ncl Noz) (in²)
1 Nozzles (/		FXC	4D, 116	/ 3332				U)-NO-DT a Lenath (ft		Vt (1000	1.09 bf) BHA ROP (ft.
1022100 (/	02)		16	/16/16/14/	/16/1	4					,896.26	, Journa 1	93	23.8
Drill St	ring Co	mpc	nents											
							Lobe			E	Bit-Bend ft.	min gpm	max gpm	
Jts	Item [Descri	otion	OD (in)	_	Len (ft)	config	Stages	rpm/gpi		(ft)	(gpm)	(gpm)	SN
1 ke				4 1/		43.00	_							
	rill Pipe) 4" XT-	30 H	WDD		4 4 1	704.23 539.92,								
	rill Pipe	39 11	VVDF			,339.92								
		IF x	4 XT39		4	3.05								
	MDC			4 3/	4	30.70								
	WD - G	ap s	ub	4 3/	4	5.63	3							
	MDC			4 3/		29.94	_							
		r Po	ny- Non	4 3/	4	11.09	9							
	ag tabilizer	No	n Maa	4 3/	1	5.59								
	ud Moto			4 3/	_	30.91								
	3 stage			,		00.01								
) Param													
Wellbore		tart (ft	КВ) 951.0	Depth End (f	- 1	Cum Dep	th (ft)	Drill Time	. ,	Cum	Drill Time .	Int ROP	(ft/hr)	Flow Rate (gpm
Origina Hole	ıI.	4,8	51.0	4,951.0	'			0.0)0					
	00lbf) R	PM (r	pm)	SPP (psi)		Rot HL (1	000lbf)	PU HL (1	000lbf)	SO F	HL (1000lbf)) Drilling	Torque	Off Btm Tq
Q (g inj) (f	ft³/ Mot	or RPI	M (rpm)	T (Inj) (°F)	P (BH Ann) ((T (bł	n) (°F)	P(Surf A	Ann)	T (surf a	nn) Q	(liq rtrn)	(g Q (g return)
Deviati	ion Sur	vevs												
	WD Sur	•												
Azim [Date		Descriptio					E		- 1	- 1			TVDTie In (ft.
	11/15/2	011	All EMV	VD Surve	ys				0.00	0.	00 0	0.00	0.00	0.00
Survey	(ftKB)		Incl (°)	Azm (°)		TVD (ftK	B)	NS	(ft)		EW (ft)	VS	S (ft)	DLS (°/100ft)
MD														

Berry Daily Drilling Report

Report Date: 11/29/2011

Report #: 23, DFS: 15.2 Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 143** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Soud Date Notice APD State AFF Number Total AFE Amount 43013336060000 10/05/11 C11 032038 NESE Sec 6 T5S-R6W Utah Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 20.00 6.462 33.877 1,060,855 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Drilling @ 5095' Drill 6 1/8 lateral hole. 44,024 2,037 Operations Summary Depth End (ftKB) Depth Start (ftKB) TIH, test casing 1000 psi 10 min, tag up @ 4880', drill out FC @ 4891' FS @ 4930' open hole to 4951', Drill 4,951 5,094 f/4951 to 5068, Circ sweep around prep for trip out for gamma probe. C/O gamma and mud motor, program Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) MWD and scribe to motor. TIH, Kelly up brk/circ. relog gamma f/5025' to 5068', drill f/5068' to 5095' 4,590 4,585 Target Depth (ftKB) Target Formation 4,534 **Uteland Butte** Saftey Meeting: Running casing and cementing. Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl. **Daily Contacts** Fuel used: 806 Fuel on hand: 3895 Job Contact Mobile 970-316-3297 George Urban Temperature (°F) Hole Condition Road Condition 505-947-3660 Marshall E. Gallegos Dry Clear 23.0 Good Rigs **Last Casing Set** Rig Number Set Depth (ftKB) OD (in) Comment asing Descrip Patterson - UTI 779 Intermediate 4.933 122 jts. 7" 26# N-80 LT&C Mud Pumps Time Log
Start Time | End Time | Dur (hrs) # 1, Maxum, M-1000 Operation Comment Pump Rating (hp) Rod Diameter (in) Stroke Length (in) 08:30 2.50 Trips TIH 06:00 1,000.0 10.12 08:30 09:30 1.00 Condition Mud & Circulate Brk/circ, test casing 1000 psi 10 min. Vol/Stk OR (bbl/stk) Liner Size (in) 09:30 11:30 2.00 Drill Out Cement/Retainers Tag up @ 4880', drill out FC @ 4891' FS @ Pressure (psi) | Slow Spd 4930' open hole to 4951' Strokes (spm) Eff (%) No 4.50 Drilling Drill f/4951 to 5068' 11:30 16:00 #2, BOMCO, F-1000 17:00 1.00 Condition Mud & Circulate Circ sweep around prep for trip out for 16:00 Rod Diameter (in) Stroke Length (in) Pump Rating (hp) gamma probe. 1,000.0 10.12 17:00 21:00 4.00 Trips POOH Liner Size (in) Vol/Stk OR (bbl/stk) 21:00 23:30 2.50 Directional Work C/O gamma and mud motor, program MWD and scribe to motor. Pressure (psi) Slow Spd Strokes (spm) Eff (%) 03:00 TIH 23:30 3.50 Trips No 03:00 04:30 1.50 Condition Mud & Circulate Kelly up brk/circ. relog gamma f/5025' to **Mud Additive Amounts** Consumed **Daily Cost** Anco gel 8.0 53.20 04:30 06:00 1.50 Drilling Drill f/5068' to 5095' #2 pump 80 stks, 234 ANCO LIG 1.0 7.75 gpm, 1050 psi, 70 rotary, 12-24k wob. avg rop 24 fph. **Bicarb** 19.0 287.28 Chemseal 1.0 10.95 **Mud Checks** Drispac reg 1.0 195.00 Depth (ftKB) Density (lb/gal) PV Calc (cp) Yield Point (lbf/100ft²) Time Vis (s/qt) Type Engineer 625.00 1.0 Gel-Chem 34 06:00 5.068.0 8.65 4.000 Hi yield gel 66.0 475.20 Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") Solids (%) Mica 10.0 83.60 4.000 8.000 2.0 12.000 14.0 10.4 1 Sawdust 25.0 102.50 MBT (lb/bbl) KCL (%) Electric Stab (V) Percent Oil (%) Percent Water (%) Chlorides (ma/L Calcium (mg/L) 98.0 1,350.000 20.000 tax 1.0 92.40 7.5 Walnut - Medium 104.50 CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) 10.0 245.0 Job Supplies Air Data Supply Item Description Unit Label 11/28/2011 06:00 Drillpipe ACFM (ft3/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Parasite ACFM (ft3/min) Total Received 8.70 Total Consumed Total Returned Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) Diesel Fuel Consumption Consumed **Drill Strings** BHA #5, Steerable IADC Bit Dull Bit Run Drill Bit TFA (incl Noz) (in²)

6 1/8in, FX64D, 11673332 0-0-NO--X-0-NO-DTF 1.09 BHA ROP (ft.. Nozzles (/32") String Length (ft) String Wt (1000lbf) 16/16/16/14/16/14 5,896.26 93 23.8 **Drill String Components**

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	gpm (gpm)	SN
1	kelly	4 1/4	43.00							
22	Drill Pipe	4	704.23							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							



Berry Daily Drilling Report

Report Date: 11/29/2011 Report #: 23, DFS: 15.2

Depth Progress: 143

Well Name	LC TRIBAL	12H-6-56
vvcII IvaIIIC.	LO INDAL	. 1211-0-30

Drill	String Components										
Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN	
1	NMDC	4 3/4	29.94								
1	Drill Collar Pony- Non Mag	4 3/4	11.09								
1	Stabilizer - Non Mag	4 3/4	5.59								
I	Mud Motor 5/6 Lobe 8.3 stage 1.5 FBH	4 3/4	30.91								
Drilling Parameters											
M/allha	Ctort (ftVD)	Donth End (ft)	2) Cum Donth	\ (f+) F	rill Time	(hro) C	ım Drill Timo	Int DOD	(ft/hr)	Flow Boto (gpm)	

Drilling Para	meters						
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)
Original	4,951.0	5,068.0	117.00	4.50	4.50	26.0	234
Hole							
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	234	1,900.0					
Q (g inj) (ft³/ M	otor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (g	Q (g return)
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)
Original	5,068.0	5,094.0	143.00	1.50	6.00	17.3	234
Hole							
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	119	1,900.0					
Q (g inj) (ft³/ M	otor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (g	Q (g return)

Deviation Surveys

All EMWD Surveys

Azim	Date	Description	EWTie In	Inclin	MD Tie In (ft	NSTie In	TVDTie In (ft
268	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data							
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,976.00	91.54	264.87	4,589.06	-28.38	-709.38	709.84	11.25
5,006.00	91.80	264.69	4,588.19	-31.10	-739.24	739.75	1.05
5,037.00	92.42	265.13	4,587.05	-33.85	-770.10	770.66	2.45
5.069.00	92.55	265.04	4.585.66	-36.59	-801.95	802.57	0.49

Berry Daily Drilling Report

Report Date: 11/30/2011 Report #: 24, DFS: 16.2

Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 806** ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFF Number Total AFE Amount 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 20.00 6.462 52.219 1,113,074 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Drilling @ 5897' Drill 6 1/8 lateral hole. 47,047 3,023 Operations Summary Depth End (ftKB) Depth Start (ftKB) Drill/slide/survey f/5091' to 5897' w/rig service. 5,091 5,897 Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Remarks Saftey Meeting: Staying focused last day of hitch. 4,585 4,549 Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl. Target Depth (ftKB) Target Formation Fuel used: 1042 Fuel on hand: 2853 **Uteland Butte** 4,534 Temperature (°F) Road Condition Hole Condition **Daily Contacts** Partly Cloudy 20.0 Job Contact Mobile Dry Good 970-316-3297 George Urban Last Casing Set Marshall E. Gallegos 505-947-3660 Casing Description Set Depth (ftKB) OD (in) Comment 122 jts. 7" 26# N-80 LT&C Intermediate 4.933 Rigs Rig Number Time Log
Start Time | End Time | Dur (hrs) Patterson - UTI 779 Comment Operation Mud Pumps Drill f/5091' to 5546' 80 stks, 234 gpm, 22 06:00 17:30 11.50 Drilling #1, Maxum, M-1000 wob, 1150 psi,rop 39.6 fph. Pump Rating (hp) Rod Diameter (in) Stroke Length (in) 18:00 0.50 Lubricate Rig 17:30 Rig service. 1,000.0 10.12 Drill f/5546' to 5897' 80 stks, 234 gpm, 22 18:00 06:00 12.00 Drilling Vol/Stk OR (bbl/stk) Liner Size (in) wob, 1150 psi,rop 29.3 fph. Pressure (psi) | Slow Spd Strokes (spm) Eff (%) **Mud Checks** No Depth (ftKB) Density (lb/gal) PV Calc (cp) Yield Point (lbf/100ft²) Туре Vis (s/qt) #2, BOMCO, F-1000 Gel-Chem 5,843.0 06:00 8.90 12.000 46 Rod Diameter (in) Stroke Length (in) Pump Rating (hp) Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... rate (mL/30min) Filter Cake (/32" Solids (%) 1,000.0 10.12 7.000 13.000 17.000 9.2 10.0 3.8 1 Liner Size (in) Vol/Stk OR (bbl/stk) MBT (lb/bbl) Percent Oil (%) Percent Water (%) Chlorides (mg/L) Calcium (mg/L) KCL (%) Electric Stab (V) 10.0 96.2 1,300.000 20.000 Pressure (psi) Slow Spd Strokes (spm) Eff (%) CEC for Cuttings Whole Mud Add (bbl) Mud Vol (Act) (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) No 500.0 275.0 **Mud Additive Amounts** Air Data Consumed Daily Cost ADV Lube 11/29/2011 06:00 1,014.00 1.0 Drillpipe ACFM (ft3/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Parasite ACFM (ft3/min) Drispac reg 1.0 195.00 9.20 Engineer 1.0 625.00 Corrosion Inhibitor Injected in 24hr Period Hi yield gel 76.0 547.20 gls Injected in Mud (gal) als Biocide Injected in Mud (gal) als Injected down Parasite (gal) Mica 20.0 167.20 Salt 6.49 1.0 **Drill Strings** Sawdust 25.0 102.50 1.0 156.90 BHA #6, Steerable #2 tax IADC Bit Dull TFA (incl Noz) (in²) Bit Run Drill Bit Walnut - Medium 20.0 209.00 2 6 1/8in, FX64D, 11673332 0-0-NO--X-0-NO-DTF 1.09 Job Supplies BHA ROP (ft. Nozzles (/32") String Length (ft) String Wt (1000lbf) 14/16/16/14/16/16 6,673.11 93 35.2 Supply Item Description Unit Lahel **Drill String Components** max Total Consumed Total Received Total Returned Bit-Bend ft. min gpm gpm config (qpm) Item Description OD (in) Len (ft) SN rpm/gpm (ft) **Diesel Fuel Consumption** 43.00 1 kelly 4 1/4 Consumed 47 Drill Pipe 4 1.486.00 50 50 4" XT-39 HWDP 1,539.92 4 108 Drill Pipe 4 3,492.20 1 X/O 3 1/2 IF x 4 XT39 4 3.05 4 3/4 30.70 1 NMDC 1 MWD - Gap sub 4 3/4 5.63 1 NMDC 4 3/4 29.94 1 Drill Collar Pony- Non 4 3/4 11.09 Mag 1 Stabilizer - Non Mag 4 3/4 5.59 1 Mud Motor 7/8 Lobe 4 3/4 25.99 3.8 stage 1.5 FBH **Drilling Parameters** Depth End (ftKB) Cum Depth (ft) Cum Drill Time ... Int ROP (ft/hr) Start (ftKB) Drill Time (hrs) Flow Rate (gpm) Wellbore 234 5,091.0 5,897.0 23.50 Original 806.00 23.50 34.3 Hole WOB (1000lbf) RPM (rpm) SPP (psi) Rot HL (1000lbf) PU HL (1000lbf) SO HL (1000lbf) Drilling Torque Off Btm Tq 20 60 1,200.0 97 109 83 9,740.0 3,600.0 Q (g inj) (ft³/... | Motor RPM (rpm) T (Inj) (°F) P (BH Ann) (... T (bh) (°F) P(Surf Ann) ... T (surf ann) ... Q (liq rtrn) (g... Q (g return) 119 RECEIVED Dec. 19, 2011



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-1,408.41

-1,441.23

-1,473.06

-1,505.90

-1,569.71

-1,602.61

1,409.81

1,442.60

1,474.39

1,507.18

1,570.87

1,603.71

2.82

2.42

5.37

6.56

7.41

3.96

-78.00

-77.31

-75.99

-73.88

-69.31

-66.83

Report Date: 11/30/2011 Report #: 24, DFS: 16.2

Depth Progress: 806

Well Name:	LC TRIBAL	12H-6-56
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270.85

271.55

273.22

274.10

274.10

274.54

96.06

95.67

95.23

93.25

88.51

89.74

5,678.00

5,711.00

5,743.00

5,776.00

5,840.00

5,873.00

Deviation Surveys													
All EMWD Surveys													
Azim Date	Description			EWTie In	. Inclin MD Tie	In (ft NSTie In .	TVDTie In (ft						
268 11/15/2011	I All EM\	ND Surve	ys	0.00	0.00 0.	0.00	0.00						
Survey Data													
MD (ftKB)	MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS					VS (ft)	DLS (°/100ft)						
5,099.00	91.41	265.66	4,584.63	-39.02	-831.83	832.50	4.33						
5,131.00	90.92	266.36	4,583.97	-41.25	-863.75	864.46	2.67						
5,161.00	91.36	266.19	4,583.38	-43.20	-893.68	894.42	1.57						
5,194.00	92.50	266.54	4,582.27	-45.29	-926.59	927.38	3.61						
5,226.00	94.22	267.33	4,580.39	-47.00	-958.49	959.30	5.91						
5,258.00	93.99	266.71	4,578.10	-48.66	-990.36	991.21	2.06						
5,291.00	91.63	265.66	4,576.48	-50.85	-1,023.25	1,024.13	7.83						
5,324.00	90.62	265.40	4,575.83	-53.42	-1,056.14	1,057.08	3.16						
5,356.00	92.02	265.92	4,575.10	-55.84	-1,088.04	1,089.02	4.67						
5,388.00	93.65	265.66	4,573.51	-58.19	-1,119.91	1,120.94	5.16						
5,420.00	92.29	264.61	4,571.86	-60.90	-1,151.76	1,152.83	5.37						
5,452.00	90.00	263.11	4,571.22	-64.32	-1,183.56	1,184.71	8.55						
5,484.00	89.65	262.76	4,571.31	-68.25	-1,215.32	1,216.55	1.55						
5,516.00	91.41	264.69	4,571.02	-71.75	-1,247.12	1,248.42	8.16						
5,549.00	93.38	266.27	4,569.64	-74.35	-1,279.99	1,281.34	7.65						
5,580.00	94.09	266.80	4,567.62	-76.22	-1,310.87	1,312.25	2.86						
5,613.00	94.83	268.12	4,565.05	-77.68	-1,343.73	1,345.14	4.58						
5,646.00	95.84	269.97	4,561.99	-78.23	-1,376.58	1,378.00	6.37						

4,558.67

4,555.30

4,552.26

4,549.82

4,548.83

4,549.34

Berry Daily Drilling Report

Well Name: LC TRIBAL 12H-6-56

Report Date: 12/1/2011 Report #: 25, DFS: 17.2 **Depth Progress: 778**

ITAIA	≶ / W	ell Name	: LC TR											De			ss: 778
API/UWI 430133	3606000	00	Surface Legal NESE Sec			Spud Dat 10/05/1				APD Sta Utah	te		AFE Number C11 0320	38	Total AFE	Amount	
Spud Date)		Rig Release D	ate			nd Distanc	. ,		Ground I			Daily Cost 58,858		Cum Cos		
	s at Report	30:00 AM Time	12/10/20	11 6:00:00		Operation	20.0 s Next 24	-			6,	462				1,171,932 lud Additive Cost To Date	
	y back p					Pooh,	c/o moto	ors, tih,	drill 6	1/8 lat	eral ho	ole.	4,059			51,106	
			rvice, Drill f/	6186' to 65	30' , r	epair P	ason ho	okload	. Drill f	f/6530'	to 667	5', Lost all	Depth Start (ftKB) 5,897		Depth En	6,67	' 5
	tial on m	notor work p	pipe, blow ke	elly down a	nd set	back. I	Pooh						Depth Start (TVD) (ft	KB)	Depth En		
Remarks Saftey I	Meeting:	Staying for	cused first d	lay of hitch.									4,549 Target Formation		Target De	4,53 pth (ftKE	
Boiler 2	4hr. Muc	d Lost last 2	24hr: 0 bbl. ⁻			ol.							Uteland Butte			4,53	34
Weather	ea: 856	Fuel on har	Temperature (°F\		Road Cor	ndition			Hole Cor	ndition		Daily Contacts Job Co	ntact		N	lobile
7" snow	1		Tomporature (23.0		Snow p				Good	idition		George Urban			70-316	
Last Ca Casing De	asing Se		Depth (ftKB)	OD (in)	Com	mont							Marshall E. Gal	legos	50)5-947	-3660
Interme		Joer	4,933	7			26# N-8	30 LT&0	2				Contractor		Riç	Numbe	
Time Lo	oa			•	•								Patterson - UTI				779
Start Time	End Tim		D ::::	Operation	ı			(/5007)	. 010	Comme			Mud Pumps # 1, Maxum, N	/ I-1000			
06:00	16:00	10.00	Drilling					t/5897' , 1150 p				34 gpm, 22	Pump Rating (hp)	Rod Diam	eter (in)	Stroke	Length (in)
16:00	16:30	0.50	Lubricate R	Rig				service	,				1,000.0 Liner Size (in)		Vol/Stk O	R (bbl/st	10.12 k)
16:30	01:30	9.00	Drilling									34 gpm, 20	Pressure (psi) Slov		Ctralian /	\ [F	# (0/)
01:30	02:30	1.00	Repair Rig				1 '	1250 p	′ '		•	librated	Pressure (psi) Siov	v Spd No	Strokes (s	spm) E	ff (%)
01.50	02.50	1.00	INEPAII INIG					iple time		JUNIUA	u. 1 0 06	ilibrated	# 2, BOMCO,	F-1000			
02:30	05:00	2.50	Drilling									293 gpm, 18	Pump Rating (hp) 1,000.0	Rod Diam	eter (in)	Stroke	Length (in) 10.12
05:00	06:00	1.00	Miscellane	0110				1750 p				ork pipe, blow	Liner Size (in)	1	Vol/Stk O	R (bbl/st	
05.00	06.00	1.00	iviiscellaried	bus				down a				ork pipe, blow	Pressure (psi) Slow Spd Strokes (spm) Eff (%)			ff (%)	
MI OI														No	`		
Mud Ch Type		Time	Depth (ftK	· .	sity (lb/g		/is (s/qt)	- 1	PV Calc	(cp)	Yield	Point (lbf/100ft²)	Mud Additive A Description		Consu	ımed	Daily Cost
Gel (10s)	-	06:00 Gel (10m) (lbf/	6,66	60.0 i) (lbf/10 Filt	9.15		42 Filter Cal		рН		Is	10.000 olids (%)	ADV Lube			2.0	2,028.00
6.0	00	8.000	13.	.000	7.	6	i iitor ou	1	Pil	9.1		5.8	ANCO LIG			2.0	15.50 585.00
MBT (lb/bb	· .	Percent Oil (%	· I	Water (%) Ch	lorides (Calcium 40	(mg/L) .000	KCL ((%)	E	lectric Stab (V)	Drispac reg Engineer			3.0 1.0	625.00
CEC for C	- 1	Whole Muc	1	ud Lost to Hole			_		Vol (Re		Mud	Vol (Act) (bbl)	Hi yield gel			18.0	129.60
Air Dat	_								500	0.0		305.0	Mica			24.0 1.0	200.64 224.67
Air Data 11/30/2	a 011 06:0	00											tax Walnut - Mediur	n		24.0	250.80
	CFM (ft³/m		lpipe ACFM (ft ³ /	min) ECD	Bit (lb/g	_{jal)} 9.40		ECD Para	asite (lb/	/gal)			Job Supplies			- 1	
Corros	ion Inhil	hitor Inject	ted in 24hr	Period		9.40							Supply Item Descript	ion			Unit Label
		rasite (gal)		s Injected in Mu	ud (gal)			gls E	Biocide Ir	njected ii	n Mud (g	al)	oupply item bescript	1011			Onit Laber
													Total Received	Total Cons	sumed	Total R	eturned
Drill St		11 "0											Diesel Fuel Co	nsumpti	on		
BHA #6	5, Steera Drill Bit	ible #2			IAI	DC Bit Du	II				TFA (in	cl Noz) (in²)	Date	•		Consur	ned
2 Nozzles (/:		FX64D, 116	673332			0-		X-0-NO		String W	t (1000lk	1.09 of) BHA ROP (ft	=				
NOZZIES (/-	32)	14	4/16/16/14/1	16/16				6,673			93	35.2					
Drill St	ring Cor	mponents															
					Lobe			Bit-Ber		nin gpm	gpm						
Jts ke		escription	OD (in) 4 1/4	Len (ft) 43.00	config	Stages	rpm/gpm	ı (ft))	(gpm)	(gpm)	SN	-				
	ill Pipe		4										_				
I		9 HWDP	4	,													
108 Dr		IF x 4 XT39	9 4	-,													
1 NI		11 747133	4 3/4										=				
1 M	WD - Ga	ıp sub	4 3/4	5.63													
1 NI		Dony Ma	4 3/4										4				
1 Dr Ma		Pony- Non	4 3/4	11.09													
	•	Non Mag	4 3/4	5.59									1				
l I		r 7/8 Lobe	4 3/4	25.99													
3.8	o stage 1	I.S FBH											-				
	8 stage		4 3/4	20.99				R	RECI	EIVE		Dec. 19,	2011				



Berry Daily Drilling Report

Report Date: 12/1/2011 Report #: 25, DFS: 17.2 Depth Progress: 778

Ang.	Well	Name	: LC TF	RIBAL	12H-6	-56						
Drilling Par	ameter	'S										
Wellbore	Start (ft	tKB)	Depth End (ft	KB) Cum	Depth (ft)	Drill Time	(hrs)	Cum Drill	Time	Int ROF	(ft/hr)	Flow Rate (gpm)
Original Hole	5,8	397.0	6,675.0	1,	584.00	21.	50	45.0	00	3	6.2	293
WOB (1000lbf)	RPM (r	pm)	SPP (psi)	Rot F	L (1000lbf)	PU HL (1	000lbf)	SO HL (10	000lbf)	Drilling	Torque	Off Btm Tq
20		60	1,750.0)	97	10	9	83	3	9,7	40.0	3,600.0
Q (g inj) (ft³/	Motor RPI 1'	M (rpm) 19	T (Inj) (°F)	P (BH A	.nn) (T (b	h) (°F)	P(Surf	Ann) T	(surf an	n) Q	(liq rtrn) (g	Q (g return)
Deviation S	urveys	;										
All EMWD S	Surveys	S										
Azim Date		Description				E/	NTie In	. Inclin	MD Tie	In (ft	NSTie In	TVDTie In (ft
268 11/1	5/2011	All EM	WD Survey	/S			0.00	0.00	0.0	00	0.00	0.00
Survey Dat	а											
MD (ftKB)		Incl (°)	Azm (°)	TVD	(ftKB)	NS	(ft)	EW	(ft)	VS	S (ft)	DLS (°/100ft)
5,90	05.00	91.89	274.54		4,548.88		64.29	-1,6	34.50	1	,635.54	6.72
5,93	37.00	93.43	274.01		4,547.40		61.91	-1,6	66.38	1	,667.35	5.09
5,96	9.00	92.81	272.69		4,545.66		60.04	-1,6	98.28	1	,699.20	4.55
6.00	00.00	92.02	272.87		4,544.35		58.54	-1,7	29.21	1	,730.09	2.61

MD (ftKB)	Incl (°)	Azm (°)	TVD (ffKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,905.00	91.89	274.54	4,548.88	-64.29	-1,634.50	1,635.54	6.72
5,937.00	93.43	274.01	4,547.40	-61.91	-1,666.38	1,667.35	5.09
5,969.00	92.81	272.69	4,545.66	-60.04	-1,698.28	1,699.20	4.55
6,000.00	92.02	272.87	4,544.35	-58.54	-1,729.21	1,730.09	2.61
6,033.00	92.50	273.83	4,543.05	-56.61	-1,762.13	1,762.96	3.25
6,065.00	92.64	273.04	4,541.61	-54.70	-1,794.04	1,794.82	2.50
6,097.00	92.33	273.04	4,540.23	-53.00	-1,825.96	1,826.69	0.97
6,129.00	90.48	272.25	4,539.44	-51.53	-1,857.92	1,858.61	6.29
6,162.00	88.90	272.16	4,539.62	-50.26	-1,890.89	1,891.55	4.80
6,192.00	89.78	271.90	4,539.97	-49.19	-1,920.87	1,921.49	3.06
6,225.00	90.88	271.37	4,539.78	-48.25	-1,953.86	1,954.45	3.70
6,257.00	91.23	270.76	4,539.19	-47.66	-1,985.85	1,986.42	2.20
6,289.00	91.89	270.58	4,538.32	-47.28	-2,017.83	2,018.39	2.14
6,322.00	91.23	271.20	4,537.42	-46.77	-2,050.82	2,051.35	2.74
6,354.00	90.70	271.55	4,536.88	-46.00	-2,082.80	2,083.31	1.98
6,386.00	91.32	271.37	4,536.31	-45.19	-2,114.79	2,115.27	2.02
6,419.00	91.98	271.28	4,535.36	-44.43	-2,147.76	2,148.22	2.02
6,451.00	91.45	271.11	4,534.41	-43.76	-2,179.74	2,180.17	1.74
6,484.00	89.52	271.02	4,534.13	-43.15	-2,212.73	2,213.14	5.85
6,516.00	89.25	271.20	4,534.47	-42.53	-2,244.73	2,245.11	1.01
6,549.00	87.36	271.28	4,535.45	-41.81	-2,277.70	2,278.07	5.73
6,581.00	88.24	271.64	4,536.67	-41.00	-2,309.67	2,310.01	2.97
6,613.00	89.74	271.28	4,537.24	-40.18	-2,341.65	2,341.96	4.82
6,646.00	91.01	270.32	4,537.02	-39.72	-2,374.65	2,374.94	4.82

Well Name: LC TRIBAL 12H-6-56

Report Date: 12/2/2011 Report #: 26, DFS: 18.2 Depth Progress: 380

													ерш г		
API/UW 43013	'I 333606000(0	Surface Legal	Location 6 T5S-R6W	Spud Dat 10/05/1			APD Sta	ate		AFE Number C11 03	2038	Total Al	FE Amoun	t
pud Da	ate		Rig Release Da			nd Distance	(ft)		Elevation	(ftKB)	Daily Cost	2000	Cum C	ost To Dat	e
	4/2011 1:3		12/10/20	11 6:00:00 AN		20.00			6,4	162	41,0	86	<u> </u>	1,213	,
	ons at Report 7 g @ 7055'	Time			1 '	ns Next 24 F 1/8 latera					Daily Mud Cost 2,48	86	Mud Ad	lditive Cos 53,5	
	ons Summary				Dilli 0	170 latere	ii iioic.				Depth Start (ftKB)		Depth B	End (ftKB)	10Z
		d motor, sc	ribe, TIH, br	k/circ and dril	II f/6675' to	7055' C	hange o	ver mud to	fresh v	water	6,67	-		7,0	
•	er mud.										Depth Start (TVD)	. ,	Depth B	End (TVD)	
emark	s y Meeting: (Coldwooth	or tripping								4,53 Target Formation	36	Target I	4,5 Depth (ftK	
				Total well 315	5 bbl.						Uteland Butte)	larget	4,5	
	used: 727 F										Daily Contac	ts			
Veathe	r		Temperature (°	,	Road Cor	ndition		Hole Co	ndition			Contact			Mobile
Overc				5.0	Snow p	oack		Good			George Urbai Chad D. Beat			970-316 866-910	
	Casing Set Description		Depth (ftKB)	OD (in)	Comment						Rigs	.11		000-310	7-3230
-	nediate	0011	4,933	7	122 jts. 7"	26# N-80	0 LT&C				Contractor		F	Rig Numb	
	_				<u> </u>						Patterson - U	TI			779
ime Start Ti	Log me End Time	Dur (hrs)		Operation				Comm	ent		Mud Pumps				
6:00		, ,	Trips	Operation		POOH	1		O. II.		# 1, Maxum, Pump Rating (hp)	Rod Dia	meter (in)	Stroke	Length (in)
11:30	12:30	1.00	Directional	Work				or and scr		t	1,000.0	Trou Bia	motor (m)	Oliono	10.12
							mission (on old mot	or.		Liner Size (in)		Vol/Stk	OR (bbl/s	tk)
12:30			Trips			TIH					D	Nave On d	011	() II	-# (O/)
8:30				1ud & Circula	te			p & estab			Pressure (psi)	Slow Spd No	Strokes	s (spm)	Eff (%)
19:30	06:00	10.50	Drilling							293 gpm, 16 O mud while	# 2, BOMCO				
						drilling	g to Fres	sh Water v	/ Polyn	ner.	Pump Rating (hp)		meter (in)	Stroke	Length (in)
											1,000.0		h. 1/0/l		10.12
	Checks		D 41 (614)	D) 10 ::	a to b	F (/ 1)	le,	(0.1.(.)	NC 11	D : . (II (/4.00(s))	Liner Size (in)		Vol/Stk	OR (bbl/s	tk)
ype W/P	olymer	ime 06:00	Depth (ftKl		(lb/gal) \ 9.10	/is (s/qt) 41	P	/ Calc (cp)	Yield	Point (lbf/100ft²) 10.000	Pressure (psi)	Slow Spd	Strokes	s (spm)	Eff (%)
	s) (lbf/100f G		,) (lbf/10 Filtrate			e (/32")	рН	So	olids (%)		No			
	5.000	6.000		000	6.8	1		8.9		5.4	Mud Additive Descri			sumed	Daily Cost
MBT (lb	10.0	Percent Oil (%)			des (mg/L) 250.000	Calcium (r	. ,	KCL (%)	E	ectric Stab (V)	ADV Lube	ption		1.0	-
	r Cuttings	Whole Mud		ud Lost to Hole (b				ol (Res) (bbl)	Mud	Vol (Act) (bbl)	ANCO LIG			7.0	54.2
								500.0		300.0	Drispac reg			1.0	195.0
															COE O
											Engineer			1.0	
2/1/2	2011 06:00		ning ACEM (#3/	min) ECD Bit	(lb/gol)	le.	CD Parasi	to (lb/gol)			Hi yield gel			40.0	288.0
2/1/2			pipe ACFM (ft³/	min) ECD Bit	(lb/gal)		ECD Parasi	te (lb/gal)			Hi yield gel Mica			40.0 10.0	288.0 83.6
2/1/2 arasite	2011 06:00 ACFM (ft³/mir	n) Drill			(lb/gal)			te (lb/gal)			Hi yield gel Mica tax	ium		40.0 10.0 1.0	288.00 83.60 121.75
2/1/2 arasite	2011 06:00 ACFM (ft³/mir	n) Drill	ed in 24hr l				9.35	te (lb/gal)	in Mud (ga	al)	Hi yield gel Mica tax Walnut - Med			40.0 10.0	288.0 83.6 121.7
12/1/2 Parasite	2011 06:00 ACFM (ft³/mir	n) Drill	ed in 24hr l	Period			9.35		in Mud (ga	al)	Hi yield gel Mica tax Walnut - Med Job Supplies	5		40.0 10.0 1.0	625.00 288.00 83.60 121.73 104.50
2/1/2 Parasite Corro	2011 06:00 ACFM (ft³/mir	n) Drill	ed in 24hr l	Period			9.35		in Mud (ga	ai)	Hi yield gel Mica tax Walnut - Med	5		40.0 10.0 1.0	288.00 83.60 121.75
2/1/2 carasite Corro Is Inject	e ACFM (ft ³ /mir besion Inhib cted down Para Strings #7, Steerak	n) Drill nitor Inject asite (gal)	ed in 24hr l	Period	(gal)	(9.35				Hi yield gel Mica tax Walnut - Med Job Supplies	ription	unsumed	40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
Corrolls Injection	2011 06:00 PACEM (ft®/mir Posion Inhib Steed down Para Strings #7, Steerak Drill Bit	n) Drill sitor Inject asite (gal)	ed in 24hr I	Period	(gal)	ıll	9.35	cide Injected		ol Noz) (in²)	Hi yield gel Mica tax Walnut - Med Job Supplies	ription	onsumed	40.0 10.0 1.0 10.0	288.00 83.60 121.73 104.50
Corrolls Injectification	2011 06:00 PACEM (ft®/mir Posion Inhib Steed down Para Strings #7, Steerak Drill Bit	n) Drill nitor Inject asite (gal)	ed in 24hr I	Period	(gal)	ılı -1-CT-N-	9.35 gls Bio	cide Injected	TFA (inc		Hi yield gel Mica tax Walnut - Med Job Supplies	ription Total Co		40.0 10.0 1.0 10.0	288.00 83.60 121.70 104.50 Unit Label
Corrols Injectorial States and St	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F	Drill Drill Drill Ditor Inject asite (gal) Die #3 EX64D, 116	ed in 24hr I	Period Injected in Mud	(gal)	ılı -1-CT-N-	9.35 gls Bio	TD (ft) String W	TFA (inc	1.09	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc	ription Total Co Consump		40.0 10.0 1.0 10.0	288.00 83.60 121.70 104.50 Unit Label
Corrols Injectorial States and St	2011 06:00 PACFM (ft³/mir PSION Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F	Drill Drill Drill Ditor Inject asite (gal) Die #3 EX64D, 116	ed in 24hr I	Period Injected in Mud	(gal)	ılı -1-CT-N-	gls Bio X-1-WT-ring Length	TD (ft) String W	TFA (inc	cl Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.00 83.60 121.70 104.50 Unit Label
2/1/2 arasite Corro Is Inject Drill \$ BHA in it Run 3 ozzles	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F	Drill Drill Drill Ditor Inject asite (gal) Die #3 EX64D, 116	ed in 24hr I	Period Injected in Mud 6/14	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	cl Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2 arasite Corro Corro Sis Inject Drill S BHA 3 3 lozzles Orill S Jts	2011 06:00 PACFM (ft³/mir PSion Inhib Sted down Para Strings #7, Steeral Drill Bit 6 1/8in, F S (/32") String Com	pitor Inject asite (gal) ble #3 FX64D, 116 nponents	r33332 OD (in)	Period Injected in Mud ((gal)	JII -1-CT-N-	gls Bio X-1-WT-ring Length 7,930.4	TD (ft) String W	TFA (inc	cl Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2/arasite Corro ls Injec Is Injec It Run 3 It Run 3 It Run 1 Jts 1 It I	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Pare Strings #7, Steerak Drill Bit 6 1/8in, F 6 (/32") String Com Item Des	pitor Inject asite (gal) ble #3 FX64D, 116 nponents	73332 OD (in) 4 1/4	Period Injected in Mud ((gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2 arasite arasit	2011 06:00 PACEM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 (/32") String Com Item Des	ble #3 EX64D, 116 nponents	73332 OD (in) 4 1/4	Period Injected in Mud (1) 6/14 Len (ft) Co (2) 43.00 2,746.30	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2 arasite Corro s Inject	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Pare Strings #7, Steerak Drill Bit 6 1/8in, F 6 (/32") String Com Item Des	ble #3 EX64D, 116 nponents	73332 OD (in) 4 1/4	Period Injected in Mud ((gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2/2 Parasite Parasite	2011 06:00 PACEM (ft³/mir Posion Inhib Lited down Pare Strings #7, Steerak Drill Bit 6 1/8in, F 6 (/32") String Com Item Des Kelly Drill Pipe 50 4" XT-38	ble #3 EX64D, 116 apponents B HWDP	OD (in) 4 1/4 4 4	Period Injected in Mud (1) 6/14 Len (ft) Co (2) 43.00 2,746.30 1,539.92	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2/2 arasite corror s Injector 2011 06:00 PACFM (ff³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 (/32") String Com Litem Des Kelly Drill Pipe 50 4" XT-39 Drill Pipe X/O 3 1/2 If NMDC	ble #3 EX64D, 116 apponents BY HWDP F x 4 XT39	OD (in) 4 1/4 4 4 3/4	6/14 Len (ft) Co Co Co Co Co Co Co Co Co Co Co Co Co	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5	
2/1/2/2 2/1/	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in F Com Item Des Kelly Drill Pipe 50 4" XT-39 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap	ble #3 EX64D, 116 apponents BY HWDP F x 4 XT39	OD (in) 4 1/4 4 4 3/4 4 3/4 4 3/4	6/14 Len (ft) CO CO CO CO CO CO CO CO CO CO CO CO CO	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2 2/1/	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steeral Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in Per Kelly Drill Pipe 50 4" XT-39 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap	ble #3 EX64D, 116 apponents BY HWDP F x 4 XT39 Do sub	73332 0D (in) 4 1/4 4 4 4 4 4 4 4 3/4 4 3/4 4 3/4 4 3/4	Period Injected in Mud (1) Injected in Injected in Mud (1) Injected in Inj	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2/2 2/1/	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in F Com Item Dec Kelly Drill Pipe 50 4" XT-38 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap NMDC Drill Collar I	ble #3 EX64D, 116 apponents BY HWDP F x 4 XT39 Do sub	73332 0D (in) 4 1/4 4 4 4 4 4 4 4 3/4 4 3/4 4 3/4 4 3/4	6/14 Len (ft) CO CO CO CO CO CO CO CO CO CO CO CO CO	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2 2/1/	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in F String Com Item Des Kelly Drill Pipe 50 4" XT-39 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap NMDC Drill Collar I Mag	ble #3 EX64D, 116 apponents B HWDP F x 4 XT39 D sub Pony- Non	OD (in) 4 1/4 4 4 4 4 3/4 4 3/4 4 3/4	Period Injected in Mud All Len (ft) All All All All All All All All All All	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.0 83.6 121.7 104.5
2/1/2	2011 06:00 PACFM (ft³/mir Posion Inhib Sted down Para Strings #7, Steerat Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in, F 6 1/8in, F 7 Steerat Normal Para String Com Item Dec Kelly Drill Pipe 50 4" XT-38 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap NMDC Drill Collar I Mag Stabilizer -	ble #3 EX64D, 116 The properties of the proper	OD (in) 4 1/4 4 4 4 4 3/4 4 3/4 4 3/4 4 3/4 4 3/4 4 3/4	Period Injected in Mud All Len (ft) All All All All All All All All All All	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.00 83.60 121.70 104.50 Unit Label
Drill S	2011 06:00 PACFM (ft³/mir Posion Inhib Lited down Para Strings #7, Steerak Drill Bit 6 1/8in, F 6 1/8in, F 6 1/8in F String Com Item Des Kelly Drill Pipe 50 4" XT-39 Drill Pipe X/O 3 1/2 If NMDC MWD - Gap NMDC Drill Collar I Mag	ble #3 EX64D, 116 apponents BY A XT39 by Sub Pony- Non Non Mag 7/8 Lobe	OD (in) 4 1/4 4 4 4 4 3/4 4 3/4 4 3/4	Period Injected in Mud All Len (ft) All All All All All All All All All All	(gal) IADC Bit Du 1	JII -1-CT-N-	gls Bio gls Bio X-1-WT-ring Length 7,930.4	TD String W	TFA (inc	El Noz) (in²) 1.09 f) BHA ROP (ft	Hi yield gel Mica tax Walnut - Med Job Supplies Supply Item Desc Total Received Diesel Fuel (ription Total Co Consump		40.0 10.0 1.0 10.0	288.00 83.60 121.70 104.50 Unit Label



Berry Daily Drilling Report

Report Date: 12/2/2011 Report #: 26, DFS: 18.2 Depth Progress: 380

Well Name:	LC TRIBAL	12H-6-56

Drilling Paran	neter	s												
Wellbore	Start (ft	KB)	Depth End (ft	KB)	Cum Depth (f	t)	Drill Tir	ne (hrs)	Cum Dri	II Time	Int RC	OP (ft/hr)	Flow Ra	te (gpm)
Original	6,6	75.0	7,055.0		380.00		1	1.50	11	.50		33.0	2	64
Hole													ĺ	
WOB (1000lbf)	RPM (r	pm)	SPP (psi)		Rot HL (1000)	lbf)	PU HL	(1000lbf)	SO HL (1000lbf)	Drillin	g Torque	Off Btm	Tq
18	(60	1,550.0		89			104	8 ا	3			ĺ	
Q (g inj) (ft³/ Mo		M (rpm)	T (Inj) (°F)	Р	(BH Ann) (T (bh) (°F)	P(Surf /	Ann)	Γ (surf an	n) (Q (liq rtrn) (g	Q (g r	eturn)
	26	64												
Deviation Sur	rveys	i			·						•			
All EMWD Su	-													
Azim Date		Description						EWTie In		1	In (ft	. NSTie In .	TVDT	ie In (ft
268 11/15/2	2011	All EM	WD Survey	/S				0.00	0.00	0.	00	0.00	C	0.00
Survey Data		•								•				
MD (ftKB)		Incl (°)	Azm (°)		TVD (ftKB)			IS (ft)		/ (ft)		VS (ft)	,	°/100ft)
6,678.	.00	91.71	269.35		4,536.	.26		-39.81	-2,	406.64		2,406.92	ĺ	3.74
6,711.	.00	90.53	268.65		4,535.	.62		-40.39	-2,	439.62		2,439.92	ĺ	4.16
6,743.	.00	91.93	269.18		4,534.	.93		-41.00	-2,	471.61		2,471.91	ĺ	4.68
6,775.	.00	92.86	269.09		4,533.	.59		-41.48	-2,	503.58		2,503.88	ĺ	2.92
6,808.	.00	91.49	268.30		4,532.	.34		-42.23	-2,	536.55		2,536.85	ĺ	4.79
6,840.	.00	90.75	268.12		4,531.	.72		-43.23	-2,	568.52		2,568.85		2.38
6,873.	.00	90.88	268.03		4,531.	.25		-44.34	-2,	601.50		2,601.84	ĺ	0.48
6,905.	.00	91.63	267.77		4,530.	.55		-45.51	-2,	633.47		2,633.83		2.48
6,936.	.00	92.72	268.12		4,529.	.37		-46.62	-2,	664.43		2,664.80		3.69
6,969.	.00	92.94	268.56		4,527.	.74		-47.57	-2,	697.37		2,697.76		1.49
7,001.	.00	92.07	268.21		4,526.	.34		-48.48	-2,	729.33		2,729.73		2.93
7,034.	.00	88.91	267.94		4,526.	.06		-49.58	-2,	762.31		2,762.72		9.61

Well Name: LC TRIBAL 12H-6-56

Report Date: 12/3/2011 Report #: 27, DFS: 19.2 Depth Progress: 875

2.112	7 446	FII INAI			RIDAL 12	11-0-									DC	•	_	55. 0/5
API/UWI	2606000	0	- 1	Surface Lega	Location C 6 T5S-R6V	.,	Spud Da 10/05/			APD Uta	State			AFE Number C11 0	22020	Total Al	E Amount	
Spud Date	3606000	U	- 1	Rig Release D		V		II nd Distanc	e (ft)			evation	(ftKB)	Daily Cost	32036	Cum C	ost To Date	,
1 '	, /2011 1:3	0:00 AN	- 1	Ü)11 6:00:00 <i>i</i>	ΑM	IND GIOU	20.0	. ,	0.00	ilo Elo		162	62,	979	Ouin O	1,275,	
Operations	s at Report	Time					Operatio	ns Next 24	Hours					Daily Mud Cost		Mud Ac	Iditive Cos	
TD @ 7	'930' Circ	. sweep	arc	ound.									95 jts dp,		375		63,9	67
							ly/out t	oha, m/u	reamer	bha, tih	& rea	am.		Depth Start (ftKl	,	Depth B	End (ftKB)	
	Summary	201/=:	~ ~ ~			d								7,0 Depth Start (TVI		Denth F	7,93 (TVD) End	
Remarks	J55 10 78	930 W/II	g se	ervice, circ	sweep arou	ina.								4,5	, , ,	Верші	-11a (1 VD)	(IIIID)
	Meetina:	Making	con	n w/ ST-80	0.									Target Formation		Target I	Depth (ftKE	3)
					Total well 3	155 b	bl.							Uteland But	te		4,53	34
Fuel us	ed: 1704	Fuel or	n ha	nd: 4566										Daily Conta				
Weather				Temperature			Road Co				Condi	ition			b Contact		<u>№</u> 970-316	lobile
Overcas	st				14.0		Snow	oack		God	od			George Urba			970-316 866-910	
Last Ca Casing De	sing Se		2-4 D	anth (ftI/D)	IOD (in)	Com									au i		500-910	-9230
Interme		(sel D	epth (ftKB) 4,933	OD (in) 7		nment 2 its 7"	26# N-8	30 LT&C					Rigs Contractor		I	Rig Numbe	r
Interne	diato			7,000		122	= jto. <i>1</i>	201111	o Li ao					Patterson - I	JTI		-	779
Time Lo														Mud Pumps	3			
Start Time	End Time 18:00		-	Drilling	Operation			Deill f	F/7055' +c		nment		64 gpm, 18	# 1, Maxum				
06.00	16.00	12.	ו	Drilling					17005 ic				64 gpiii, 16	Pump Rating (hp) Rod Diam	eter (in)	Stroke	Length (in)
18:00	18:30	0	50 1	Lubricate F	Rin				service	., . JP 70	η۰	•••		1,000.0 Liner Size (in)		VOI/C+1-	OR (bbl/st	10.12
18:30	05:30			Drilling	чy			0		7930'	90 ct	ks 2	64 gpm, 18	Liner Size (III)		VUI/SIK	JS/Idu) /IO	r.j
10.00	00.00	11.	ا	- ming					1750 ps				o r gpill, 10	Pressure (psi)	Slow Spd	Strokes	(spm) E	Eff (%)
05:30	06:00	0.	50 (Condition I	Mud & Circu	late		- 1	2-20 bbl						No			
23.00	2 3.30				5.100			J.1.0.	0 001	upc				# 2, BOMC	O, F-1000			
Mud Ch					(D)				1.			l	B	Pump Rating (hp	Rod Diam	eter (in)	Stroke	Length (in)
Type FW/Pol		ime 06:0	ω.	Depth (ftl	(B) Den:	sity (lb/ 9.3	- '	Vis (s/qt) 46		V Calc (cp)		Yield	Point (lbf/100ft²) 15.000	1,000.0 Liner Size (in)		Vol/9#k	OR (bbl/st	10.12
				0 Gel (30n				Filter Cal		рH		S	olids (%)	Liner Size (iii)		VOI/SIK	OIX (DDI/SI	N)
14.0		16.0			3.000		.2		1	8.	.9		6.8	Pressure (psi)	Slow Spd	Strokes	(spm) E	Eff (%)
MBT (lb/bb	· .	Percent Oil		I			(mg/L)	Calcium (KCL (%)		EI	ectric Stab (V)		No			
12	-	0.5		1 -		,	0.000		.000			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		Mud Additiv				
CEC for C	uttings	Whole	Mud	Add (bbl) N	fud Lost to Hole	(bbl)	Mud Los	(Surf) (bb	I) Mud V	ol (Res) (b	bl)	Mud	Vol (Act) (bbl) 335.0		ription	Cor	sumed	Daily Cost
Air Dot	_												333.0	ADV Lube Anco drill			2.0 7.0	2,028.00 461.86
Air Data	а 11 06:00													CI 300 A			1.0	49.77
	CFM (ft³/mi		Drillp	pipe ACFM (ft ³	³/min) ECD	Bit (lb/	gal)		ECD Paras	ite (lb/gal)				Drispac reg			7.0	1,365.00
	`	,	·		, l	•	9.70			,				Engineer			1.0	625.00
Corros	ion Inhib	itor Inj	ecte	ed in 24hr	Period									Flowzan			18.0	3,510.00
gls Injecte	d down Par	asite (gal)		g	ls Injected in Mu	ıd (gal)			gls Bio	cide Inject	ed in N	Mud (ga	al)	Mica			12.0	100.32
														Pallets			16.0	288.00
Drill St	rinas													Salt			2.0	12.98
	. Steera	ble #3												Shrink Wrap	1		16.0	288.00
Bit Run I						IA	DC Bit D				Т	FA (inc	ol Noz) (in²)	TAX			588.79	588.79
	6 1/8in, F	X64D,	116	73332			1		-X-1-WT		100	1000	1.09	Trucking			750.0	750.00
Nozzles (/	3∠")		16	/14/16/16/	16/14			S	tring Lengti 7,930.4		g Wt (1 93		f) BHA ROP (ft. 36.4	Walnut - Me	dium		12.0	125.40
Drill St	ring Con	nonon		/ 1-/ 10/ 10/	10/14				7,550.4	5	- 50		30.4	X-CIDE			1.0	182.06
Dilli Sti	ing con	iponen	ເວ									max		Job Supplie	es			
				65 "		Lobe		/	Bit-Bend			gpm gpm)	011	0	!			11-51 2 2
Jts 1 ke		scription		OD (in) 4 1/4	Len (ft) 43.00	COTHIC	Stages	rpm/gpm	(ft)	(gpm	1) (!	35.11)	SN	Supply Item Des	cription			Unit Label
1 1	ill Pipe			4 1/2					-	_	-			Total Received	Total Cons	sumed	Total F	teturned
	4" XT-39	9 HWDF	<u> </u>		1 1,539.92					+				+				
108 Dr					-									Diesel Fuel	Consumpti	on		
	O 3 1/2 I	F x 4 X	Г39	4					1						ate		Consu	med
1 NI				4 3/4						+								
	WD - Ga	o sub		4 3/4										1				
1 N	MDC .			4 3/4														
1 Dr Ma	ill Collar ag	Pony- N	lon	4 3/4	11.09													
1 St	abilizer -	Non Ma	ag	4 3/4	5.59									1				
	ud Motor			4 3/4														
	3 stage 1																	
'				1	1			1	1				1	1				
									D.I	CEN	/ EI	Г	ec. 19,	2011				
										_ _ _E1'	v C I	י ע	,					



7,746.00

7,779.00

7,811.00

7,844.00

7,876.00

92.15

92.37

91.01

90.04

91.19

268.91

269.00

269.00

268.82

269.09

4,522.71

4,521.40

4,520.46

4,520.16

4,519.81

-73.35

-73.95

-74.51

-75.14

-75.72

-3,473.57

-3,506.54

-3,538.52

-3,571.51

-3,603.50

3,474.34

3,507.31

3,539.30

3,572.30

3,604.29

6.76

0.72

4.25

2.99

3.69

Berry Daily Drilling Report

Report Date: 12/3/2011 Report #: 27, DFS: 19.2 Depth Progress: 875

Ar	Well	l Name	: LC TR	RIBAL 12H-6-	56			
Drilling Para	amete	ers						
Wellbore	Start ((ftKB)	Depth End (fth	(B) Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,	0.055.0	7,930.0	1,255.00	23.00	34.50	38.0	264
	DD14	,	000 (")	D + I II / 4000 II 0	BILLII (4000II 0	00 111 (400011 0)	D. W. T.	0" D: T
WOB (1000lbf) 18	RPM	(rpm) 60	SPP (psi)	Rot HL (1000lbf) 89	PU HL (1000lbf) 104	SO HL (1000lbf) 83	Drilling Torque	Off Btm Tq
Q (g inj) (ft³/ N	Actor Di		1,550.0 T (Inj) (°F)	P (BH Ann) (T (bl	-		n) Q (liq rtrn) (g	g Q (g return)
Q (g mj) (ny N		264	1 (111) (F)	P (BH AIIII) (I (bi	i) (F) F(Suii i	Allii) I (Sull all	11) Q (IIQ 1011) (g	J Q (g return)
Deviation S	urvey	s						
All EMWD S	urvey	/S						
Azim Date		Description			EWTie In			
268 11/15	5/2011	All EM	WD Survey	S	0.00	0.00 0.	0.00	0.00
Survey Data	3							
MD (ftKB)		Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
7,06		88.11	267.94	4,526.89	-50.73	-2,794.28		
	9.00	90.31	268.56	4,527.35		-2,827.25	1 '	I I
,	2.00	91.58		4,526.80	-52.54	-2,860.24	1 '	I I
7,16	4.00	92.86	268.82	4,525.56	-53.25	-2,892.21	2,892.67	4.04
7,19	7.00	92.11	268.91	4,524.13	-53.90	-2,925.17	2,925.64	2.29
7,22	9.00	90.22	268.30	4,523.48	-54.68	-2,957.15		6.21
7,26	1.00	89.91	268.12	4,523.45	-55.68	-2,989.14	2,989.63	1.12
7,29	4.00	90.44	267.86	4,523.34	-56.84	-3,022.12	3,022.63	1.79
7,32	6.00	93.30	268.74	4,522.30	-57.79	-3,054.08	3,054.61	9.35
7,35	9.00	93.69	268.38	4,520.29	-58.62	-3,087.01	3,087.55	1.61
7,39	1.00	90.75	267.24	4,519.05	-59.84	-3,118.96	3,119.51	9.85
7,42	3.00	90.92	267.59	4,518.58	-61.28	-3,150.92	3,151.50	1.22
7,45	6.00	91.10	267.15	4,518.00	-62.80	-3,183.88	3,184.49	1.44
7,48	9.00	90.44	267.33	4,517.56	-64.38	-3,216.84	3,217.47	2.07
	0.00	88.95	268.21	4,517.72	-65.59	-3,247.81		
· '	3.00	86.88	267.94	4,518.92	-66.70			
· '	5.00	87.98	268.30	4,520.36		-3,312.72		1
	7.00	88.02	268.03	4,521.47		-3,344.69		1
	9.00	88.24	267.59	4,522.52	-69.99	-3,376.65		1
· ·	1.00	89.17	268.03	4,523.24	-71.22	-3,408.62	1 '	
7,71		90.31	267.77	4,523.39	-72.42	-3,441.59		
',''	7.00	50.51	201.11	7,020.00	12.42	-5,771.55	0,772.00	0.04

Berry Daily Drilling Report

Report Date: 12/4/2011 Report #: 28, DFS: 20.2

An	⁵ ∕ We	II Nam	e: LCT		12H-6-									Depth Pro	
API/UWI			Surface Leg	,		Spud Date N	Votice		APD State	te		AFE Number		Total AFE Amour	nt
	3606000	0		ec 6 T5S-R	R6W	10/05/11			Utah			C11 03	32038		
Spud Date			Rig Release			KB-Ground	Distance (ft)		Ground E			Daily Cost		Cum Cost To Da	
	/2011 1:3		12/10/2	2011 6:00:0	00 AM		20.00			6,4	62	40,7	/97	1,316	, -
•	s at Report					1 '	Next 24 Hour					Daily Mud Cost	00	Mud Additive Co	
	ng lateral	@ 5484				Ream 6	1/8 lateral,	, pum	p sweep, p	ooon.		3,6		67,6	
	s Summary		ooh, r/u W	ET TOO IV	/4~ 200	۰، الاس الاس الاس الاس الاس الاس الاس الا	.a bba #/a	J \	- m/v 6 1/0	ماريما		Depth Start (ftKE 7,9	,	Depth End (ftKB)	
			and ream f			J DF & UII	C. Dila, I/C	ו איי ג	, III/U O I/C	o doub	ne reamer	Depth Start (TVI		Depth End (TVD	
Remarks															
Saftey	Meeting: (Cold wea	ther trippin	g.								Target Formation		Target Depth (ftk	
Boiler 2	24hr.			-								Uteland Butt	е	4,5	34
Fuel us	ed: 1198	Fuel on I	nand: 3368									Daily Conta	cts		
Weather			Temperatur	e (°F)		Road Condi	tion		Hole Cond	ndition			Contact		Mobile
Overca	st		1	5.0		Snow pa	ck		Good			George Urba	ın	970-31	6-3297
Last C	asing Set											Chad D. Bea	ıth	866-91	0-9236
	escription		t Depth (ftKB)	OD (in)	Cor	mment						Rigs			
Interme	ediate		4,933	7	12	2 jts. 7" 26	6# N-80 LT	Г&С				Contractor		Rig Numb	er
		<u> </u>				•						Patterson - l	JTI		779
Time L												Mud Pumps			
	End Time			Opera			0:		Commer	nt		# 1, Maxum	, M-1000		
06:00	07:30		Condition		rculate		Circ. swe	•	ouna.			Pump Rating (hp) Rod Diam	eter (in) Strok	e Length (in)
07:30	08:00		Lubricate	Rig			Rig servi	ce				1,000.0			10.12
08:00	12:30		Trips				POOH					Liner Size (in)		Vol/Stk OR (bbl/s	
12:30	13:30	1.0	D LD Drillpi	pe					TRS and r	rig up ly	//dn	6		3.4	
							machine.					Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
13:30	17:30	4.0	LD Drillpi	pe			Ly/dn 300	00' 4"	DP.				No		
17:30	19:30	2.0	D LD Drillpi	ре			Ly/dn dirv	wction	al BHA.			# 2, BOMC			
19:30	20:00	0.5	Miscellar	neous			R/D lay d	lown r	machine.			Pump Rating (hp) Rod Diam	ieter (in) Strok	e Length (in) 10.12
20:00	22:00	2.0	Miscellar	neous			M/U 6" do	ouble	reamer as	ssv w/5	7/8" bull	1,000.0 Liner Size (in)		Vol/Stk OR (bbl/s	-
							nose mill			,		5 1	/2	2.9	,
22:00	01:30	3.5	Trips				TIH					-	Slow Spd	1	Eff (%)
01:30	02:30		Condition	Mud & Ci	rculata		Kelly up.	hrk/ci	rc			Tressure (psi)	No.	Otrokes (spiri)	LII (70)
02:30	06:00		Reaming		Toulato		, , , ,		iteral hole f	f/4022'	to E191'	NA A alaliti.			
02.30	00.00	3.5	Realiling						100 gpm, 2			Mud Additiv	iption	Consumed	Daily Cost
							W/O TOK	wob, -	too gpiii, z	2001 IP	11.	Anco drill	.p.i.o.i	1.0	
Mud C	hocks											AncoBar		25.0	
Type		me	Depth (ftKB)	Density (lb	/gal) Vis	(s/qt)	PV	Calc (cp)	Yield	Point (lbf/100ft²)	Chemseal		2.0	
Water E	I .	06:00		930.0	9.3		46		,		15.000	CI 300 A		1.0	
Gel (10s)	(lbf/100f G	Gel (10m) (lb	f/10 Gel (3	0m) (lbf/10	Filtrate (n	nL/30min) F	ilter Cake (/32	2") p	Н	So	lids (%)			1	1
14.	000	16.00	0 1	18.000	5	5.2	1		8.9		6.8	Engineer		1.0	
MBT (lb/b	' I	ercent Oil (%) Percer	` '	Chlorides	, 0 ,	alcium (mg/L	<i>'</i>	(CL (%)	Ele	ectric Stab (V)	Flowzan		9.0	,
	2.5	0.5		92.7	, -	0.000	60.000					Mica		13.0	
CEC for C	uttings	Whole M	ud Add (bbl)	Mud Lost to F	Hole (bbl)	Mud Lost (S	urf) (bbl)	Mud Vol	(Res) (bbl)	Mud V	/ol (Act) (bbl)	TAX		200.38	
											380.0	Walnut - Me	dium	6.0	62.70
Air Dat	а											X-CIDE		3.0	546.18
12/3/20	11 06:00											Job Supplie	s		
Parasite A	CFM (ft³/mir	n) D	rillpipe ACFM ((ft³/min) E	CD Bit (lb.		ECD	Parasite	e (lb/gal)						
						9.70						Supply Item Des	cription		Unit Label

Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (gal) gls Biocide Injected in Mud (gal) Total Received Total Consumed

Diesel Fuel Consumption Drill Strings Consumed Date BHA #7, Steerable #3 IADC Bit Dull TFA (incl Noz) (in²) Bit Run Drill Bit 3 6 1/8in, FX64D, 11673332 1-1-CT-N-X-1-WT-TD 1.09

Nozzles (/32") String Length (ft) String Wt (1000lbf) BHA ROP (ft... 16/14/16/16/16/14 7,930.45 **Drill String Components**

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
85	Drill Pipe	4	2,746.30							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							



Berry Daily Drilling Report

Report Date: 12/4/2011 Report #: 28, DFS: 20.2

Depth Progress: 0

Jts			ponents	OD (in)	Len (ft)	Lobe	Stages	rpm/gp		Bend ft.	min gpn		SN
			lon Mag	4 3/4	. ,		Otagos	TPITI 9P		()	(31)		OI4
1	Mud Mo 3.8 stag		7/8 Lobe 5 FBH	4 3/4	23.03								
	ing Para				(5) 6			"					TEL 5 . /
Vellbo Origi Hole	nal		(ftKB) 7,930.0	Depth End (ftk 7,930.0	1,255	· · /	Drill Time 0.0	. ,	l .	rill Time . 4.50	Int RO	P (M/Nr)	Flow Rate (gpm
	(1000lbf)		(rpm)	SPP (psi)	Rot HL (10		,			, ,			Off Btm Tq
Q (g ir	ij) (ft³/ N	lotor R	PM (rpm)	T (Inj) (°F)	P (BH Ann) (T (bh)) (°F)	P(Surf	Ann)	T (surf a	nn) C	Q (liq rtrn) (g Q (g return) .
Drill	Strings	i											
	. #8, Rea		assy			LIAT	DC Bit Du	.11				TEA /im	al Na=\ (in2\
1			/lodel?>, <	<sn?></sn?>		IAL	JC BII DI	III				IFA (In	cl Noz) (in²)
lozzle	es (/32")	,							_	Length (ft 30.26) String	Wt (1000lb	BHA ROP (ft. 0.0
Drill	String (Comp	oonents									max	
Jts		m Desc	cription	OD (in) 4 1/4	Len (ft) 42.00	Lobe config	Stages	rpm/gp		Bend ft. (ft)	min gpn (gpm)		SN
	kelly Drill Pip	ne.		4 1/4									
	50 4" xt		WDP	4	'								
	Drill Pip			4	-,								
			x 4 XT39		0.00								
1	Cut-Rite STM66 Drill Co		amer	4 3/4									
	Cut-Rit		amer	4 3/4									
	STM64				0.00								
	Bit Sub			4 3/4	_								
	5 7/8" E			4 1/2	1.80								
Vellbo	i ng Para ore		ers (ftKB)	Depth End (ftk	(B) Cum Dept	h (ft)	Drill Time	(hrs)	Cum D	rill Time .	Int RO	P (ft/hr)	Flow Rate (gpm
Origi Hole			,930.0	7,930.0									
	(1000lbf)		(rpm)	SPP (psi)	Rot HL (10	,	,	,		,			Off Btm Tq
	ıj) (ft³/ N			T (Inj) (°F)	P (BH Ann) (I (bh) (°F)	P(Surf)	4nn)	I (surf a	nn) C	(liq rtrn) (g Q (g return)
AII E	ation S	-	ys				-		Tr. e	lub T		luo 	TVDT: 1 #
268.			Description 1 All EM	ND Survey	S		E	0.00	0.0	MD Ti 0 C	e in (π).00	NSTie In 0.00	TVDTie In (ft. 0.00
Surv	rey Data MD (ftKB)		Incl (°)	Azm (°)	TVD (ftKE	3)	NS	(ft)	Е	W (ft)	\	/S (ft)	DLS (°/100ft)

Well Name: LC TRIBAL 12H-6-56

Berry Daily Drilling Report

Report Date: 12/5/2011 Report #: 29, DFS: 21.2 **Depth Progress: 0**

	> / W	ell Name				•								Depth F	_	C33. U
API/UWI	3606000	00	Surface Lega	al Location c 6 T5S-R6		Spud Dat 10/05/1			APD Sta	ite		AFE Number	32038	Total AFE A	mount	
Spud Date		00	Rig Release				nd Distance	(ft)	Ground	Elevation	n (ftKB)	Daily Cost	32030	Cum Cost T	o Date	
		30:00 AM	12/10/20	011 6:00:0			20.00			6,	462	24,	399		,341,6	
Operations POOH	s at Report	t Time					ns Next 24 I		ih and log	Out		Daily Mud Cost)44	Mud Additiv	e Cost T 68,699	
	s Summary	У				IVI/O VV	r i loggii	ig tooi, t	iii and log	out.		Depth Start (ftKE		Depth End	,	,
	/5484' to	7930' w/rig	service, c	irc -20 bbl	sweeps	to sur	face, pod	h.				1	30		7,930	
Remarks	Mooting:	Reaming a	nd conn									Depth Start (TVI	O) (ftKB)	Depth End	(TVD) (ft	KB)
Boiler 2		. Keaning a	na com.									Target Formation	1	Target Dept	h (ftKB)	
Fuel us	ed: 1488	3 Fuel on ha	nd: 1880									Uteland But	e		4,534	
Weather			Temperature	` '		Road Co			Hole Co	ndition		Daily Conta	cts b Contact		Mol	
Overcas		- •		2.0		Snow p	раск		Good			George Urba		970)-316-3	
Casing De	asing Se escription		epth (ftKB)	OD (in)	Comi	ment						Chad D. Bea		866	-910-9	236
Interme	ediate		4,933	7	122	jts. 7"	26# N-8	LT&C				Rigs				
Time Lo	oa											Contractor Patterson - I	ITI	Rig I	Number 77	a
Start Time	e End Tim	, ,		Operation	ion				Comme			Mud Pumps				<u> </u>
06:00	14:30	8.50	Reaming					ı f/5484' psi. avg		-8k wo	b 440 gpm,	# 1. Maxun	. M-1000			
14:30	15:00	0.50	Lubricate	Ria			Rig s		1-10 IPI1			Pump Rating (hp	Rod Diam	eter (in)		ength (in)
15:00	19:30		Reaming	9			0		to 7518' 4	-8k wo	b 440 gpm,	1,000.0 Liner Size (in)		Vol/Stk OR		0.12
			· ·					-	rop 172 fp			(3.490	
19:30	20:30			Mud & Cire	culate				weep to su			Pressure (psi) 1,750.0	Slow Spd No	Strokes (sp	m) Eff	(%) 95
20:30	23:00	2.50	Reaming				Ream 11750		to 7930' 4	-8k wo	b 440 gpm,	# 2, BOMC		10		55
23:00	01:00	2 00	Condition	Mud & Cir	culate			•	Hi-Vis swe	eens to	surface	Pump Rating (hp		eter (in)		ength (in)
01:00	01:30		Miscellane		oulato				vn and set		ourace.	1,000.0 Liner Size (in)		Vol/Stk OR		0.12
01:30	06:00	4.50	Trips				POOI	H f/WFT	logging to	ol.		` '	1/2	VOI/OIR OIR	2.930	
Mud Ch	hacks											. ,	Slow Spd	Strokes (sp	m) Eff	. ,
Туре		Time	Depth (ft		ensity (lb/g		/is (s/qt)	P۱	/ Calc (cp)	Yiel	d Point (lbf/100ft²)	1,750.0 Mud Additiv	No ro Amounto	70		95
FW/Poly	, ,	06:00 Gel (10m) (lbf/1	,	030.0 m) (lbf/10 F	9.10 Filtrate (mL		48 Filter Cake	2 (/32")	pН	Is	Solids (%)	Desc	ription	Consum	ned	Daily Cost
Ger (10s) ((101/1001	Ger (Torri) (IDI/T	U Gel (301	11) (101/10	i illiale (iiil	2/30(11(11)	i iilei Cake	(32)	pri		oolius (70)	CI 300 A			2.0	99.54
MBT (lb/bb	bl)	Percent Oil (%)	Percent	: Water (%)	Chlorides (mg/L)	Calcium (r	ng/L)	KCL (%)	E	Electric Stab (V)	Hi yield gel X-CIDE			30.0 4.0	216.00 728.24
CEC for C	Cuttings	Whole Mud	Add (bbl) N	Mud Lost to Ho	ole (bbl)	Mud Lost	(Surf) (bbl)	Mud Vo	ol (Res) (bbl)	Mud	Vol (Act) (bbl)	Job Supplie	ne .		4.0	120.24
	3-		(11)		,		(, (,		. (, (,		. , , , ,	oob ouppile	,,,			
	а											Supply Item Des	cription		Uı	nit Label
Air Data	u			13/min) EC	CD Bit (lb/g	al)	l F	CD Parasi	te (lb/gal)			Total Received	Total Con	sumed	Total Ret	urned
		nin)	nine ACFM (ft		55 5.t (.b/g	ω.,		.02	io (ib/gai)							
	ACFM (ft³/m	nin) Drilli	oipe ACFM (ft	[7][[[]]												
Parasite A	ACFM (ft³/m	bitor Inject	ed in 24hr	Period								Diesel Fuel			Concumo	d
Parasite A	ACFM (ft³/m	bitor Inject	ed in 24hr	,	Mud (gal)			gls Bio	cide Injected i	n Mud (g	gal)		Consumpti ate		Consume	d
Parasite A Corrosi gls Injected	ACFM (ft³/m ion Inhi ed down Pa	bitor Inject	ed in 24hr	Period	Mud (gal)			gls Bio	cide Injected i	n Mud (g	gal)				Consume	d
Parasite A Corrosi gls Injected Drill Sti	CFM (ft³/m ion Inhi ed down Pa rings	bitor Injectorasite (gal)	ed in 24hr	Period	Mud (gal)			gls Bio	cide Injected i	n Mud (g	gal)				Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run [CFM (ft³/m ion Inhi id down Pa rings 3, Ream Drill Bit	bitor Injectorasite (gal)	ed in 24hr	Period		DC Bit Du	ill	gls Bior	cide Injected i		gal) icl Noz) (in²)				Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run [I	ion Inhi d down Pa rings 3, Reamond Drill Bit 5 7/8in,	bitor Injectorasite (gal)	ed in 24hr	Period		DC Bit Du				TFA (in	icl Noz) (in²)	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run [ion Inhi d down Pa rings 3, Reamond Drill Bit 5 7/8in,	bitor Injectorasite (gal)	ed in 24hr	Period		DC Bit Du			n (ft) String W	TFA (in		- Da			Consume	d
Parasite A Corrosi gls Injected Drill Sti BHA #8 Bit Run [1] Nozzles (//	ion Inhi d down Pa rings 3, Ream Drill Bit 5 7/8in, 32")	bitor Injectorasite (gal)	ed in 24hr	Period		DC Bit Du		ring Length	n (ft) String W	TFA (in	icl Noz) (in²) of) BHA ROP (ft	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Sti BHA #8 Bit Run [1] Nozzles (//	ion Inhi d down Pa rings 3, Ream Drill Bit 5 7/8in, 32")	bitor Injectorasite (gal) er assy <model?>, «</model?>	ed in 24hr	Period	IAI	OC Bit Du		7,930.2	n (ft) String W	TFA (in	icl Noz) (in²) of) BHA ROP (ft	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run [1] Nozzles (/3) Drill Str Jts	ion Inhi d down Pa rings 3, Ream Drill Bit 5 7/8in, 32") ring Col	bitor Injectorasite (gal) er assy <model?>, «</model?>	SN?>	r Period gls Injected in	Lobe config			ring Length	n (ft) String W	TFA (in	icl Noz) (in²) of) BHA ROP (ft	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run I 1 1 Nozzles (/3) Drill Str Jts 1 ke	ion Inhi d down Pa rings 3, Ream Drill Bit 5 7/8in, 32") ring Col	bitor Injectorasite (gal) er assy <model?>, < mponents</model?>	SN?>	Period gls Injected in Len (ft) 4 42.0	Lobe config		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Sti BHA #8 Bit Run I 1 1 Nozzles (// Drill Sti Jts 1 ke 18 Dr	ion Inhi d down Pa rings 3, Reamo Drill Bit 5 7/8in, 32") ring Col Item D Elly rill Pipe	bitor Injectorasite (gal) er assy <model?>, mponents escription</model?>	<sn?> OD (in) 4 1/-</sn?>	Len (ft) 4 42.0 4 2,955.0	Lobe config		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run I 1	ion Inhi d down Pa rings 3, Ream Drill Bit 5 7/8in, 32") ring Col	bitor Injectorasite (gal) er assy <model?>, mponents escription</model?>	SN?>	Period gls Injected in Len (ft) 4 42.0	Lobe config		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Sti BHA #8 Bit Run I 1 1 Nozzles (/3 Drill Sti 1 ke 18 Dr 25 50 102 Dr 1 X/0	rings 3, Reamond of the Drill Bit 5 7/8in, (32") ring Columbia Co	bitor Injectorasite (gal) er assy <model?>, < mponents escription HWDP IF x 4 XT39</model?>	SN?>	Len (ft) 4 42,0 4 2,955.0 4 1,579.0 4 3,300.0 4 3.0	Lobe config		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected BHA #8 Bit Run I 1	rings 3, Reamond Fill Bit 5 7/8in, 32") ring College 1 4" xt39 rill Pipe 1 4" xt39 rill Pipe 1 3 1/2 ut-Rite R	bitor Injectorasite (gal) er assy <model?>, < mponents escription HWDP IF x 4 XT39</model?>	SN?>	Len (ft) 4 42,0 4 2,955.0 4 1,579.0 4 3,300.0 4 3.0	Lobe config		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected Drill Str BHA #8 Bit Run I 1 Nozzles (/3) Drill Str 1 ke 18 Dr 25 50 102 Dr 1 X// 1 Cu ST	rings 3, Reamond of the property of the proper	er assy <model?>, < mponents escription HWDP IF x 4 XT39 Reamer</model?>	SN?> OD (in) 4 1/-	Len (ft) 4	Lobe config 100 100 100 100 155 199		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected BHA #8 Bit Run I 1	rings 3, Reamond Fill Bit 5 7/8in, 32") ring Collar Paul Pill Pipe 0 4" xt39 rill Pipe (O 3 1/2 ut-Rite RTM66 rill Collar rill collar rill collar rill collar rill collar rill collar rill collar rill collar rill collar rill rill rill rill rill rill rill	er assy <model?>, < mponents escription HWDP Reamer</model?>	SN?> OD (in) 4 1/- 4 3/- 4 3/-	Len (ft) 4	Lobe config 100 100 100 105 199 7		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A Corrosi gls Injected BHA #8 Bit Run I 1	rings 3, Reamond of the property of the proper	er assy <model?>, < mponents escription HWDP Reamer</model?>	SN?> OD (in) 4 1/- 4 3/- 4 3/-	Len (ft) 4	Lobe config 100 100 100 105 199 7		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d
Parasite A	rings 3, Reamond of the month o	bitor Injectorasite (gal) er assy <model?>, mponents escription HWDP Reamer Reamer</model?>	SN?> OD (in) 4 1/- 4 3/- 4 3/-	Len (ft) 4 42.0 4 2,955.0 4 3,300.0 4 3.0 4 31.1 5 8.3 4 1.6	Lobe config 00 00 00 00 00 05 5 99 7 33 3 52		St	ring Length 7,930.2	n (ft) String W	TFA (in	of) BHA ROP (ft 0.0	- Da			Consume	d

Well Name: LC TRIBAL 12H-6-56

Berry Daily Drilling Report

TVDTie In (ft...

Report Date: 12/5/2011 Report #: 29, DFS: 21.2

Depth Progress: 0

Drilling Para	ameters						
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0	0.00	15.50	15.50	0.0	
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
Q (g inj) (ft³/ N	Notor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (g	g Q (g return)

Deviation Surveys

| All EMWD Surveys | Azim... | Date | Description | EWTie In... | Inclin... | MD Tie In (ft... | NSTie In ... | 268... | 11/15/2011 | All EMWD Surveys | 0.00 | 0.00 | 0.00 | 0.00 |

 268...
 11/15/2011
 All EMWD Surveys
 0.00
 0.00
 0.00
 0.00
 0.00
 0.00

 Survey Data

 MD (ftKB)
 Incl (°)
 Azm (°)
 TVD (ftKB)
 NS (ft)
 EW (ft)
 VS (ft)
 DLS (°/100ft)

Berry Daily Drilling Report

Well Name: LC TRIBAL 12H-6-56

Report Date: 12/6/2011 Report #: 30, DFS: 22.2 **Depth Progress: 0**

4,000		··· ·	·u			• •	•									Dopui	• į	g. 000. U
API/U\ 43 01	_{ИІ} 33360600	00		Surface Legal	Location 6 T5S-R6\		Spud Dat 10/05/				APD Sta	te		AFE Number	32038	Total AFE	Amoun	t
Spud [Date			Rig Release D	Date			nd Distanc			Ground		. ,	Daily Cost		Cum Cost		
	14/2011 1: tions at Repor		AIVI	12/10/20	011 6:00:00		Operation	20.0 ns Next 24	-			б,	462	Daily Mud Cost	924	Mud Addit	1,371 ive Cos	
TIH	tions Summar						TIH,de	ploy log	ging too	ol, po	ooh, ly/d	n logg	ing tool.	Donath Chart (ft)	D)	Donth End	68,6	99
•		•	ssy, wai	t on Weath	nerford logg	ging to	ols den	sity and	image	tool	. (16 hrs), M/U	logging tool,	Depth Start (ftK 7,9	930	Depth End	7,9	30
		d line	, surfac	e test logg	jing tool, tih									Depth Start (TV	D) (ftKB)	Depth End	d (TVD)	(ftKB)
Remar Safte	rks By Meeting	: Mak	ing up l	logging too	ols.									Target Formatio	n	Target De	oth (ftKl	B)
Boile	r 24hr. used: 131													Uteland But			4,53	34
Weath		oruei		Temperature ((°F)		Road Co	ndition			Hole Co	ndition		Daily Conta	ob Contact		N	Mobile
Clea				romporaturo (0.0		Snow p				Good	14111011		George Urb				3297
	Casing S Description	et	Set D	epth (ftKB)	OD (in)	Com	ment							Chad D. Be Rigs	atn	86	6-910)-9236
-	mediate		Corp	4,933	7			26# N-8	30 LT&C					Contractor		Rig	Numbe	
Time	Log													Patterson - Mud Pumps				779
Start 1	Time End Tin	ne Di	ur (hrs)	D Daille in	Operation	า		1/-1.	- 4 0/4"	DC	Comme			# 1, Maxun				
06:00 07:30				LD Drillpip Wire Line I							and 2 re		ools, image	Pump Rating (h 1,000.0		eter (in)	Stroke	Length (in) 10.12
0	20.00				_090				arrived			99	vo.o,ago	Liner Size (in)		Vol/Stk OF	R (bbl/s	-
23:30	03:00		3.50	Wire Line I	Logs						nd crew d loggin		& M/U WFT	Pressure (psi)	Slow Spd	Strokes (s	nm) [Eff (%)
03:00	05:00		2 00 1	Miscellane	OUS					•		_	w out and	Pressure (psi)	No No	Silokes (s	piii)	_11 (70)
00.0	00.00		2.00	viicooiiario	040						ging tool		W out and	# 2, BOMC				Land the Carl
05:00	06:30	\perp	1.50	Wire Line I	_ogs			TIH						Pump Rating (h 1,000.0		ieter (in)	Stroke	Length (in) 10.12
Mud	Checks													Liner Size (in)	'	Vol/Stk OF	R (bbl/s	tk)
Type FW/F	Polymer	Time (06:00	Depth (fth	(B) Den 30.0	nsity (lb/g 9.10		/is (s/qt) 47	- 1	PV C	alc (cp)	Yield	d Point (lbf/100ft²)	Pressure (psi)	Slow Spd	Strokes (s	pm) [Eff (%)
	0s) (lbf/100f							Filter Cal		рН		S	folids (%)		No			
MBT (I	b/bbl)	Percei	nt Oil (%)	Percent	Water (%) Ch	nlorides	(mg/L)	Calcium	(mg/L)	KC	L (%)	E	lectric Stab (V)		ve Amounts cription	Consu	med	Daily Cost
	,					a I		(2 5 // 1)										
CEC to	or Cuttings	VVI	nole Mud	Add (bbl)	lud Lost to Hole	e (bbi)	Mud Lost	(Surf) (bb	I) Mud	VOI (I	Res) (bbl)	Mud	Vol (Act) (bbl)	Job Suppli	es			
Air D	Data													Supply Item De	scription			Unit Label
Parasi	te ACFM (ft³/n	nin)	Drillp	pipe ACFM (ft ³	/min) ECD	Bit (lb/g	al)		ECD Para	asite ((lb/gal)			Total Received	Total Con	sumed	Total F	Returned
														D: 15 D				
	osion Inhi				Period Is Injected in M	ud (gal)			gls B	liocide	e Injected i	n Mud (c	al)		Consumpti ate	on 	Consu	med
											•		,					
Drill	Strings																	
вна	. #8, Ream n Drill Bit	er as	sy			IA	DC Bit Du	.II				TEA (in	cl Noz) (in²)					
1	5 7/8in,	<mod< td=""><td>del?>, <</td><td>:SN?></td><td></td><td></td><td>DC Bit Dt</td><td>-</td><td></td><td></td><td></td><td> 11 \(\) (111</td><td>Ci 1402) (iii-)</td><td></td><td></td><td></td><td></td><td></td></mod<>	del?>, <	:SN?>			DC Bit Dt	-				11 \(\) (111	Ci 1402) (iii-)					
Nozzle	es (/32")							8	String Leng 7,930.) String W	t (1000lk	of) BHA ROP (ft 0.0					
Drill	String Co	mpoi	nents						7,000.	.20			0.0					
						Lobe			Bit-Ben	nd ft	min gpm	max gpm						
Jts		escript	ion	OD (in)	Len (ft)	config	Stages	rpm/gpm			(gpm)	(gpm)	SN	_				
	kelly Drill Pipe			4 1/4														
25	50 4" xt39	HW[DΡ		1,579.00													
	Drill Pipe	IE v.	4 VT20	4	· '	_												
	X/O 3 1/2 Cut-Rite F			4 3/4										1				
	STM66																	
1	Drill Colla		or	4 3/4			\perp							_				
	Cut-Rite F STM64	keam	U I	5	8.33													
	Bit Sub			4 3/4										1				
1	5 7/8" Bul	I-Nos	е	4 1/2	1.80													

Well Name: LC TRIBAL 12H-6-56

Berry Daily Drilling Report

Report Date: 12/6/2011 Report #: 30, DFS: 22.2

Depth Progress: 0

Drilling Parameters													
Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time	Int ROP (ft/hr)	Flow Rate (gpm)						
WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq						
Q (g inj) (ft³/ I	Motor RPM (rpm)	T (Inj) (°F)	(BH Ann) (T (bl	n) (°F) P(Surf	Ann) T (surf an	n) Q (liq rtrn) (g	Q (g return)						

Deviation Surveys All EMWD Surveys

~ -	ittb caiteys						
Azim	Date	Description	EWTie In	Inclin	MD Tie In (ft	NSTie In	TVDTie In (ft
268	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey	Data

ouivey Dala							
MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Well Name: LC TRIBAL 12H-6-56

Report Date: 12/7/2011 Report #: 31, DFS: 23.2 Depth Progress: 0

ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Soud Date Notice APD State AFF Number Total AFE Amount 43013336060000 C11 032038 NESE Sec 6 T5S-R6W 10/05/11 Utah Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 32.523 1,404,140 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date Rigging down WFT logging tool. Down load logging tool, pk/up dual reamer assy, 68,699 tih,circ, pooh ly/dn DP. Depth Start (ftKB) Depth End (ftKB) 7,930 7,930 Operations Summary Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) TIH w/WFT Triple Combo / Shuttle conveyed logging tool. R/U Pro Petro pump truck, Cont. trip in w/ logging tool filling pipe every 20 stands. Circ botoms up. Pull 2-stands and Pro Petro pump truck pumped dart down Target Formation Target Depth (ftKB) hole and deployed WFT Triple Combo tool into open hole. (7930') Log out of hole to shoe @ 4 min/stand. Uteland Butte POOH, ly/dn logging tool. 4,534 **Daily Contacts** Mobile Job Contac Saftey Meeting: Tripping in hole w/ logging tools. 970-316-3297 George Urban Boiler 24hr. Chad D. Beath 866-910-9236 Fuel used: 1145 Fuel on hand: 3895 Rigs Weather Temperature (°F) Road Condition Hole Condition Rig Number Clear Snow pack 1.0 Good Patterson - UTI 779 Last Casing Set Mud Pumps Set Depth (ftKB) OD (in) Comment Casing Descrip #1, Maxum, M-1000 Intermediate 4,933 122 its. 7" 26# N-80 LT&C Rod Diameter (in) Pump Rating (hp) Stroke Length (in) 1,000.0 10.12 Time Log Vol/Stk OR (bbl/stk) Start Time | End Time | Dur (hrs) Operation Comment Liner Size (in) 06:00 11:30 5.50 Wire Line Logs TIH w/WFT Triple Combo / Shuttle Pressure (psi) | Slow Spd conveyed logging tool. Strokes (spm) Eff (%) No 13:00 R/U Pro Petro pump truck 11:30 1.50 Wire Line Logs # 2, BOMCO, F-1000 Cont. trip in w/ logging tool filling pipe every 13:00 15:30 2.50 Wire Line Logs Rod Diameter (in) Stroke Length (in) Pump Rating (hp) 20 stands. 1,000.0 10.12 15:30 17:00 1.50 Wire Line Logs Circ bottoms up. Liner Size (in) Vol/Stk OR (bbl/stk) 17:00 18:30 1.50 Wire Line Logs Pull 2-stands and Pro Petro pump truck pumped dart down hole and deployed WFT Pressure (psi) Slow Spd Strokes (spm) Eff (%) Triple Combo tool into open hole. (7930') No 00:00 5.50 Wire Line Logs Log out of hole @ 4 min/stand. 18:30 **Mud Additive Amounts** Consumed Daily Cost 00:00 04:00 4.00 Wire Line Logs POOH w/logging tool. 06:00 2.00 Wire Line Logs L/D WFT logging tool. 04:00 Job Supplies **Mud Checks** Depth (ftKB) PV Calc (cp) Yield Point (lbf/100ft²) Time Density (lb/gal) Vis (s/qt) Supply Item Description Unit Label Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) Filter Cake (/32") nН Solids (%) Total Consumed Total Received Total Returned MBT (lb/bbl) Percent Water (%) Chlorides (ma/L) KCL (%) Electric Stab (V) **Diesel Fuel Consumption** Date Consumed CEC for Cuttings Mud Lost to Hole (bbl) | Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Whole Mud Add (bbl) Mud Vol (Act) (bbl) Air Data Parasite ACFM (ft3/min) Drillpipe ACFM (ft³/min) ECD Bit (lb/gal) ECD Parasite (lb/gal) Corrosion Inhibitor Injected in 24hr Period gls Injected in Mud (aal) gls Biocide Injected in Mud (gal) **Drill Strings** BHA #8, Reamer assy IADC Bit Dull Drill Bit TFA (incl Noz) (in²) 5 7/8in, <Model?>, <SN?> String Length (ft) String Wt (1000lbf) BHA ROP (ft... Nozzles (/32") 7,930.26 0.0 **Drill String Components** max Bit-Bend ft. gpm Lobe min gpm config Item Description OD (in) Len (ft) Jts Stages rpm/gpm 1 kelly 4 1/4 42.00 18 Drill Pipe 4 2,955.00 25 50 4" xt39 HWDP 4 1,579.00 102 Drill Pipe 3,300.00 4 1 X/O 3 1/2 IF x 4 XT39 3.05 1 Cut-Rite Reamer 4 3/4 8.29 STM66 1 Drill Collar 4 3/4 31.17



Berry Daily Drilling Report

Report Date: 12/7/2011 Report #: 31, DFS: 23.2

Depth Progress: 0

Well Name:	LC TRIBAL	12H-6-56
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Drill String Components														
Di III	String (Jone	OHEHLS				Lobe			Bit-I	Bend ft.	min gpm		
Jts	Iter	n Descr	ription	OD (in)		Len (ft)	config	Stages	rpm/gpr	n	(ft)	(gpm)	(gpm)	SN
	Cut-Rite STM64	Rea	mer		5	8.33								
1	Bit Sub			4 3/-	4	1.62								
1	5 7/8" B	Bull-No	ose	4 1/2	2	1.80								
Drilli	ng Para	mete	rs											
Wellbo	re	Start (f	ftKB)	Depth End (ft	KB)	Cum Depth	ı (ft)	Drill Time	(hrs)	Cum Dr	ill Time	Int ROF	(ft/hr)	Flow Rate (gpm)
Origi Hole		7,	930.0	7,930.0)					15	5.50			400
WOB ((1000lbf)	RPM (rpm) 65	SPP (psi) 1,100.0)	Rot HL (10	00lbf)	PU HL (1	000lbf)	SO HL	1000lbf)	Drilling	Torque	Off Btm Tq
Q (g in	j) (ft³/ M	lotor RP	PM (rpm)	T (Inj) (°F)	Р	(BH Ann) (. T (bh) (°F)	P(Surf A	nn)	T (surf a	nn) Q	(liq rtrn) (g	J Q (g return)
Devi	ation Su	ırvey	S				•		•					
All E	MWD S	urvey	s											
Azim			Description	on				E/	WTie In	Inclin	. MD Ti	e In (ft	NSTie In	TVDTie In (ft
268	. 11/15	/2011	All EM	WD Surve	/S				0.00	0.00	0 0	.00	0.00	0.00
Surv	ey Data													
	MD (ftKB)		Incl (°)	Azm (°)		TVD (ftKB))	NS	(ft)	E۷	V (ft)	VS	S (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report #: 32, DFS: 24.2

Well Name: LC TRIBAL 12H-6-56 **Depth Progress: 0** Total AFE Amount ΔΡΙ/ΙΙΜ/Ι Surface Legal Location Spud Date Notice APD State AFF Number 43013336060000 NESE Sec 6 T5S-R6W 10/05/11 Utah C11 032038 Spud Date Rig Release Date KB-Ground Distance (ft) Ground Elevation (ftKB) Daily Cost Cum Cost To Date 11/14/2011 1:30:00 AM 12/10/2011 6:00:00 AM 33.446 1,437,586 20.00 6.462 Daily Mud Cost Operations at Report Time Operations Next 24 Hours Mud Additive Cost To Date L/D 4" DP @ 1050' RIH w/ 4 1/2" Liner w/ Baker Tools, Hang liner, L/D 4" 68,699 Depth Start (ftKB) Depth End (ftKB) 7,930 7,930 Operations Summary Depth Start (TVD) (ftKB) Depth End (TVD) (ftKB) Finished L/D WFT logging tools, M/U reamer BHA & RIH, Circ., Stand back 4880' DP & HW, L/D 3000' 4" DP. Remarks Target Formation Target Depth (ftKB) Saftey Meeting: Working in sub zero environment. Fuel used: 1150 Fuel on hand: 2745 Uteland Butte 4,534 Weather Temperature (°F) Road Condition Hole Condition **Daily Contacts** Clear 10.0 Job Contact Mobile Snow pack Good 435-823-1921 Kim D. Gritz Last Casing Set Chad D. Beath 866-910-9236 Casing Description Set Depth (ftKB) OD (in) Comment 122 jts. 7" 26# N-80 LT&C Intermediate 4,933 Rigs Rig Number Time Log
Start Time | End Time | Dur (hrs) Patterson - UTI 779 Comment Operation Mud Pumps 1.00 Wire Line Logs L/D WFT Logging tools. 06:00 07:00 # 1, Maxum, M-1000 2.50 Miscellaneous 07:00 09:30 Thaw out mud lines, Melt & chip ice off Pump Rating (hp) Rod Diameter (in) Stroke Length (in) choke manifold & V-Door. 1,000.0 10.12 M/U Reamer BHA 09:30 10:30 1.00 Trips Vol/Stk OR (bbl/stk) Liner Size (in) 10:30 19:00 8.50 Trips Trip in to TD w/ Reamer BHA. Pressure (psi) | Slow Spd Strokes (spm) Eff (%) 19:00 21:00 2.00 Condition Mud & Circulate Circ. 2 x Bottoms up w/ 400 gpm. No Trip out w/ 51 stands of 4" DP & 25 stands 21:00 02:00 5.00 Trips of 4" HWDP #2, BOMCO, F-1000 Rod Diameter (in) Stroke Length (in) Pump Rating (hp) 02:00 03:00 1.00 LD Drillpipe Held PJSM & R/U WFT Lay down Machine 1,000.0 10.12 03:00 06:00 3.00 LD Drillpipe L/D 3050' 4" Drill pipe. 1050' @ Report time. Liner Size (in) Vol/Stk OR (bbl/stk) **Mud Checks** Pressure (psi) Slow Spd Strokes (spm) Eff (%) Time Depth (ftKB) Density (lb/gal) Vis (s/qt) PV Calc (cp) Yield Point (lbf/100ft2) No **Mud Additive Amounts** Gel (10s) (lbf/100f... Gel (10m) (lbf/10... Gel (30m) (lbf/10... Filtrate (mL/30min) | Filter Cake (/32") рН Solids (%) Consumed Daily Cost Percent Water (%) Chlorides (mg/L) MBT (lb/bbl) Percent Oil (%) Calcium (mg/L) KCL (%) Electric Stab (V) Job Supplies CEC for Cuttings Whole Mud Add (bbl) Mud Lost to Hole (bbl) Mud Lost (Surf) (bbl) Mud Vol (Res) (bbl) Mud Vol (Act) (bbl) Supply Item Description Unit Label Air Data Total Received Total Consumed Total Returned Parasite ACFM (ft³/min) Drillpipe ACFM (ft³/min) ECD Parasite (lb/gal) **Diesel Fuel Consumption** Date Consumed Corrosion Inhibitor Injected in 24hr Period gls Biocide Injected in Mud (gal) **Drill Strings** BHA #8, Reamer assy IADC Bit Dull TFA (incl Noz) (in²) 5 7/8in, <Model?>, <SN?> 1 Nozzles (/32") String Length (ft) String Wt (1000lbf) BHA ROP (ft... 7,930.26 0.0 **Drill String Components** max Lobe Bit-Bend ft. min gpm gpm confia Item Description OD (in) Len (ft) Stages rpm/gpm (gpm) SN 1 kelly 4 1/4 42.00 18 Drill Pipe 4 2,955.00 25 50 4" xt39 HWDP 4 1,579.00 102 Drill Pipe 4 3,300.00 1 X/O 3 1/2 IF x 4 XT39 4 3.05 1 Cut-Rite Reamer 4 3/4 8.29 STM66 1 Drill Collar 4 3/4 31.17 Cut-Rite Reamer 5 8.33 STM64 1 Bit Sub 4 3/4 1.62 1 5 7/8" Bull-Nose 4 1/2 1.80

Berry Daily Drilling Report

Report Date: 12/8/2011 Report #: 32, DFS: 24.2

Depth Progress: 0

Start (ftKB)	Separation Times	Well Name	e: LC TF	RIBAL 12H-6-		rry	Dail	y Dr	illin	g Re	port	
Second S	Indicate											
Red Red	No. No. No.	/ellbore	, ,			Drill Time (h	nrs)			Int RO	P (ft/hr)	,
65	65	riginal ole	7,930.0	7,930.0)			15.	50			400
viation Surveys EMWD Surveys EWTie In Inclin MD Tie In (ft NSTie In TVDTie In (ft 3 11/15/2011 All EMWD Surveys 0.00 0.00 0.00 0.00 0.00 rvey Data	Eviation Surveys EMWD Surveys EWTie In	OB (1000lbf)				PU HL (100	Olbf)	SO HL (1	000lbf)	Drilling	Torque	Off Btm Tq
EMWD Surveys a Date Description EWTie In Inclin Inclin Inclin MD Tie In (ft NSTie In ITVDTie In (ft Inclin	EMWD Surveys	g inj) (ft³/ N	lotor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (T (b	h) (°F) F	(Surf A	nn) T	(surf an	n) Q	(liq rtrn) (ç	g Q (g return)
Date Description EWTie In Inclin MD Tie In (ft NSTie In TVDTie In (ft NSTie In TVDTie In (ft O.00	m Date Description EWTie In Inclin MD Tie In (ft NSTie In TVDTie In (ft 0.00											
rvey Data	rvey Data	im Date	Descript			EW	Tie In	Inclin	MD Tie	In (ft	NSTie In	TVDTie In (ft
rvey Data MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS (ft) EW (ft) VS (ft) DLS (°/100ft)		8 11/15	/2011 All EM	IWD Survey	/S	0	.00	0.00	0.	00	0.00	0.00
MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS (ft) EW (ft) VS (ft) DLS (°/100ft)	MD (ftKB) Incl (°) Azm (°) TVD (ftKB) NS (ft) EW (ft) VS (ft) DLS (°/100ft)	rvev Data										
		MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW	(ft)	V	'S (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 12/9/2011 Report #: 33, DFS: 25.2

Well Name: LC TRIBAL 12H-6-56 Depth Progress: 0

100		on Hanne			12110									opt	_
(PI/UWI 1301333	13336060000 NESE Sec 6 T5S-R6W					Spud Date Notice APD State 10/05/11 Utah					· · · · · · · · · · · · · · · · · · ·	AFE Number	32038	Total AFE Ar	mount
Spud Date		,,	Rig Release		17011	KB-Groun	-	ce (ft)			levation (ftKB)	Daily Cost	52030	Cum Cost To	
		30:00 AM	12/10/2	2011 6:00	:00 AM		20.				6,462		440		513,026
	at Report					Operation			land T	Гie-Back	string, N/D BOP &	Daily Mud Cost			e Cost To Date 68,699
						release		,			. og,, 2 _ 2 0 . o.	Depth Start (ftK	,	Depth End (ftKB)
	Summary			222272 P	DILL w/ D	okor Dod	alcara 9	. Eroo ol		. DIII	/ 4000! 4" DD 9	7,9 Depth Start (TV	930 D) (#KB)	Depth End (7,930
											/ 4800' 4" DP & oall & set Baker	Dopin Gian (17	D) (IIIID)	Dopan Liia ((III.B)
	nger, Pu	lled out of	ΓBR & dis	splace 7" >	4" annu	las to 2%	% KCI,	R/U WF	T Lay	down r	machine & L/D 4"	Target Formatio		Target Depth	` '
DP.												Uteland But Daily Conta			4,534
Remarks Saftev N	/leetina:	Tripping / \	Working v	v/ pump tr	uck.							Jo	b Contact		Mobile
		Fuel on ha				I. 30/70	Diesel	fuel				Kim D. Gritz Marshall E.			-823-1921 -947-3660
Veather Clear			Temperatur	re (°F) 12.0		Road Con Snow p				Hole Con-	dition	Rigs	Gallegus	303	-947-3000
	sing Se	ıt		12.0		SHOW P	ack			Good		Contractor		Rig N	umber
Casing De		Set	Depth (ftKB)		I .	nment						Patterson -			779
_iner			7,925	4 1	/2 Lin	er top @	2 +/- 48	365'				# 1, Maxun			
Time Lo												Pump Rating (h	p) Rod Diame	eter (in)	Stroke Length (in)
Start Time 06:00	9:00	, ,	LD Drillp	•	ation		Finis	sh lavino	wob r	Commer n 4" DP	& 2 x reamer BHA	1,000.0		Vol/Stk OR (10.12
9:00	10:30		Run Line					DI PJSM	,			Liner Gize (iii)		VOI/OIL OIL (DDI GIRY
10:30	15:30	5.00	Run Line	er				, , .		-	0 P-110 LTC	Pressure (psi)	Slow Spd No	Strokes (spr	n) Eff (%)
											s , 14 Swell nger as per Berry	#2, BOMC			
								pletion			go. 40 po. 20,	Pump Rating (h	p) Rod Diame	eter (in)	Stroke Length (in)
15:30	16:00	0.50	Run Line	er			M/U	Baker I	iner h	anger.		1,000.0 Liner Size (in)		Vol/Stk OR (10.12
16:00	16:30		Run Line					casing				Liner Gize (iii)		VOI/OIL OIL (DDI GIRY
16:30	19:30 20:30		Run Line								DP to 4900'	Pressure (psi)	Slow Spd No	Strokes (spr	n) Eff (%)
19:30	20.30	1.00	Run Line	ei.				n hole w			to running into	Mud Additi	ve Amounts		
20:30	23:00	2.50	Run Line	er			Con	t. RIH w	// Line	er to 793	60'		cription	Consum	ed Daily Cost
23:00	23:30		Run Line								chicksans.	I. b. O			
23:30	01:00		Run Line							•	176 gpm & 660 psi. ead of displacing	Job Suppli	es		
01:00	03:00	2.00	Run Line	ei			dies		ped 1	00 bbls	diesel & displ. drill		scription		Unit Label
03:00	03:30	0.50	Run Line	er			1				each Hanger.	Total Received	Total Cons	sumed T	otal Returned
03:30	04:00		Run Line				Sea	t ball & ¡	pressi	ure up t	o 3700 psi. Hang	Diesel Fuel	Consumption	on	
								as per					ate		onsumed
04:00	04:30		Run Line				psi.	f/ 15 mii	n. Tes	t OK.	& annulas w/ 1500				
04:30	05:30	1.00	Run Line	er				lace 7"			e liner top & w/ 108 bbls. 2%				
05:30	06:00	0.50	LD Drillp	ipe				WFT L/	D Ma	chine					
Mud Ch	ecks						_								
уре		Гime	Depth ((ftKB)	Density (lb/	gal) V	is (s/qt)		PV Cal	c (cp)	Yield Point (lbf/100ft²)				
Sel (10s) (lbf/100f	Gel (10m) (lbf/	10 Gel (3	0m) (lbf/10	Filtrate (m	ıL/30min)	Filter Ca	ıke (/32")	рН		Solids (%)				
ИВТ (lb/bb	ol)	Percent Oil (%) Perce	nt Water (%)	Chlorides	(mg/L)	Calcium	(mg/L)	KCL	(%)	Electric Stab (V)				
CEC for Cu	uttings	Whole Muc	Add (bbl)	Mud Lost to	Hole (bbl)	Mud Lost	(Surf) (bl	ol) Mud	Vol (Re	es) (bbl)	Mud Vol (Act) (bbl)				
Air Data	a														
Parasite A0	CFM (ft³/m	in) Dril	Ipipe ACFM	(ft³/min)	ECD Bit (lb/	nal)		ECD Para	asite (lh	n/gal)		-			
didoito / ii	O (,	.p.po/.to/	(1.1,1)	200 211 (15)	94.7		200 . a	uono (ib	,, 94.,					
	on Inhi	bitor Inject	ed in 24h	gls Injected	in Mud (gal)			ale F	Riocido I	Injected in	Mud (gal)	-			
is injected	u uowii Fa	lasite (gai)		gis injected	iii wuu (gai)			gis L	olocide i	injected in	ivida (gai)				
Orill Str	rings											_			
Bit Run D	Orill Bit				IA	DC Bit Dul	II				TFA (incl Noz) (in²)	1			
lozzles (/3	32")						I	String Len	gth (ft)	String Wt	(1000lbf) BHA ROP (ft	_			
٧-	,							3	_ \ ′			2011			



Berry Daily Drilling Report

Report Date: 12/9/2011 Report #: 33, DFS: 25.2

Depth Progress: 0

Well	Name:	LC TRIBAL	12H-6-56
AACII	ivallie.	LO INIDAL	. 1211-0-30

Drill	Drill String Components													
Jts	lte	em Desc	ription	OD (in)	Len (ft)	Lobe	Stages	s rpm/gpr		end ft. (t)	min gpm (gpm)	max gpm (gpm)	SN	
Drilli	ng Par	amete	ers	•	•			•	•	,				
Wellbo	ore	Start	(ftKB)	Depth End (ft	KB) Cum Dep	th (ft)	Drill Tim	e (hrs)	Cum Dril	Time	Int ROF	P (ft/hr)	Flow Rate (gpm)	
WOB ((1000lbf)	RPM	(rpm)	SPP (psi)	Rot HL (1	000lbf)	PU HL (1000lbf)	SO HL (1	000lbf)	Drilling	Torque	Off Btm Tq	
Q (g in	Q (g inj) (ft³/ Motor RPM (rpm) T (lnj) (°F) P (BH Ann) (T (bh) (°F) P(Surf Ann) T (surf ann) Q (liq rtrn) (g Q (g return)													
Devi	ation S	urvey	'S	ı		-							'	
All E	MWD S	Surve	/S											
Azim			Description	on			E	WTie In	Inclin	MD Tie	In (ft	NSTie In .	TVDTie In (ft	
268 11/15/2011 All EMWD Surveys 0.00 0.00 0.00 0.00 0.00											0.00			
Surv	ey Dat	а												
I	MĎ (ftKB))	Incl (°)	Azm (°)	TVD (ftK)	3)	NS	G (ft)	EW	(ft)	VS	S (ft)	DLS (°/100ft)	

Berry Daily Drilling Report

Report Date: 12/10/2011 Report #: 34, DFS: 26.2

Well Name: LC TRIBAL 12H-6-56

Depth Progress: 0

43013	1 3360600	00	NFSF Sec	6 T5S-R6W	10/05/11			Utah	е		C11 0	32038	IOIAI AF	E Amoun	Į.
Spud Da			Rig Release D			I Distance (ft) Ground Elevation (ftKB)								st To Date	9
		30:00 AM	12/10/20	11 6:00:00 AN	I	20.00 6,462					466	,851	1,979,877		
	ons at Repore down B0	t Time OP & Clean	mud tanks			Next 24 Hours		ob.			Daily Mud Cost			ditive Cos 68,6	
	ons Summar		0 50 '	4" VT00 LIVA/E	D D		- D/L	0. DILL	4.4/0	LT's David	Depth Start (ftKI	,	Depth E	nd (ftKB)	20
				4" XT39 HWI String, Tester						TIE-Back	Depth Start (TV	930 D) (ftKB)	Depth E	7,93 nd (TVD)	
Remark											-				
		06:00 Dec.		Running casin	a						Target Formation Uteland But		Target D	epth (ftKE 4,53	•
		Fuel on har		turining odolir	9						Daily Conta			,	
Weathe	r		Temperature (°	°F)	Road Cond	ition		Hole Con	dition			b Contact			Mobile
Partly	Cloudy			10.0	Dry			Good			Kim D. Gritz Marshall E.			35-823 05-947	
	Casing Some Description		Depth (ftKB)	OD (in)	Comment						Rigs	Callegos		05-547	-3000
	ack String		4,865	4 1/2	Common						Contractor		R	ig Numbe	
Time	Log										Patterson -				779
Time Start Tir	ne End Tin	ne Dur (hrs)		Operation				Commer	nt		Mud Pumps				
06:00	06:30		LD Drillpipe			R/U WFT					# 1, Maxun Pump Rating (h		eter (in)	Stroke	Length (in)
06:30	14:30	8.00	LD Drillpipe	9		Lay down					1,000.0		, ,		10.12
						Kelly.	вакег	running t	00I. P	/U & Break	Liner Size (in)		Vol/Stk (OR (bbl/st	k)
14:30	15:00	0.50	Miscellaneo	nus		Pull wear	hushir	าต			Pressure (psi)	Slow Spd	Strokes	(spm) E	Eff (%)
15:00	16:00			g & Cement		Held PJS		<u> </u>	asing	crew.		No			
16:00	19:30			g & Cement						H w/ 112 jts.	# 2, BOMC			10. 1	1 41 (*)
						4 1/2" #11	-		•		Pump Rating (hp 1,000.0) Rod Diam	ieter (in)	Stroke	Length (in) 10.12
						Liner shows		925			Liner Size (in)		Vol/Stk 0	OR (bbl/st	
						Float colla		878'							
19:30	21:30	2.00	Run Casino	g & Cement		Aquire sp	acing 8	& M/IIIar	ndina i	oint w/	Pressure (psi)	Slow Spd No	Strokes	(spm) E	Eff (%)
10.00	21.00	2.00	rtan Oaomi	g a comon		mandril ha	anger.	Land out	w/ 10	,000 on TBR	Mud Additiv	_			
						& 35,000	on We	ell head m	nandril	hanger.		ription		sumed	Daily Cost
21:30	22:00	0.50	Miscellane	ous				x 4 1/2"	annula	as w/ 1500					
00.00	20.00	4.00	D 0 :			psi f/ 5 mi		0.1./5			Job Supplie	es			
22:00 23:00	23:00 06:00		NU/ND BO	g & Cement		R/D WFT				1/2". N/D	Supply Item Des	scription			Unit Label
23.00	00.00	7.00	NO/ND BO	Г		BOP	iut pipe	5 Iaiii5 1/ ·	4 10 4	· 1/2 . N/D	Total Received	Total Con:	sumed	Total F	Returned
Mud (Checks														
Туре		Time	Depth (ftK	(B) Density	(lb/gal) Vis	(s/qt)	PV C	alc (cp)	Yield	Point (lbf/100ft²)	Diesel Fuel	Consumpti ate	on	Consu	mod
Gal (10s	s) (lbf/100f	Gel (10m) (lbf/	0 Gel (30m	ı) (lbf/10 Filtrati	e (ml /30min) F	ilter Cake (/32	") pH		19/	olids (%)		ate		Oorisu	mou
001 (100	3) (101/1001	Ger (Tom) (IBI)	o Ger (som	i) (ibi/ 10 I iii at	e (IIIL/30IIIII)	iner Oake (/32	, pii			Jilus (70)					
MBT (lb.	/bbl)	Percent Oil (%)	Percent V	Nater (%) Chlori	des (mg/L)	Calcium (mg/L)	кс	L (%)	EI	ectric Stab (V)					
CEC for	Cuttings	Whole Mud	Add (bbl) M	ud Lost to Hole (b	bl) Mud Lost (S	Surf) (bbl) N	lud Vol (F	Res) (bbl)	Mud '	Vol (Act) (bbl)	-				
Air Da	ata										+				
Parasite	ACFM (ft³/m	nin) Drill	pipe ACFM (ft³/	min) ECD Bit	(lb/gal)	ECD F	Parasite ((lb/gal)			1				
Corro	sion Inhi	bitor Inject	ed in 24hr	Period							1				
	ted down Pa			s Injected in Mud	(gal)	gl	ls Biocide	e Injected in	Mud (ga	al)	1				
											-				
Drill S	Strings														
Rit Run	Drill Bit				IADC Bit Dull				TFA (inc	cl Noz) (in²)	-				
Dicrean	Dim Dit				IN LOC DIE DUI				1177 (1110	71102) (111)					
Nozzles	(/32")					String L	ength (ft	String Wt	(1000lb	f) BHA ROP (ft					
Drill S	String Co	mponents									1				
					obe	Bit-I	Bend ft.	min gpm	max gpm						
Jts	Item D	escription	OD (in)				(ft)	(gpm)	(gpm)	SN					
											+				
							RFC	FIVE	D F	ec. 19,	2011				
								- L I V E		1					

Berry Daily Drilling Report

Report Date: 12/10/2011 Report #: 34, DFS: 26.2

Depth Progress: 0

Well Name: I C TRIBAL 12H-6-56

	AAGII	ivaille. LC II	VIDAL IZII	0-50						
Drilling Parameters										
Wellbore	Start (ft	KB) Depth End (f	tKB) Cum Depth (f	t) Drill	Time (hrs)	Cum Drill	Time Int RO	P (ft/hr) F	low Rate (gpm)	
WOB (1000ll	bf) RPM (rp	om) SPP (psi)	Rot HL (1000)	bf) PU F	IL (1000lbf)	SO HL (1	000lbf) Drilling	Torque O	ff Btm Tq	
Q (q inj) (ft³/.	Motor RPN	И (rpm) T (Inj) (°F)	P (BH Ann) ([(bb) (°E)	P(Surf A	lnn\ T	(surf ann) Q	(lig rtrn) (g	Q (g return)	
Q (g iiij) (ite).	IVIOLOI KFI	// (Ipili) I (IIIJ) (F)	F (BH AIIII) ((DII) (F)	r(Suii F	VIII) I	(Suii aiiii) Q	(liq riiri) (g	Q (g return)	
Deviation	 n Surveys									
AII EMWI	D Surveys	;								
Azim Dat	e -	Description			EWTie In	Inclin	MD Tie In (ft	NSTie In	TVDTie In (ft	
268 11	/15/2011	All EMWD Surve	ys		0.00	0.00	0.00	0.00	0.00	

268	11/15/2011	1 All EM	WD Surve	ys		0.00	0.00	0.0	00	0.00	0.00
Surve	y Data										
MI	O (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	N	IS (ft)	EW ((ft)	VS	S (ft)	DLS (°/100ft)

	STATE OF UTAH				FORM 9
ι	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MII		3	5.LEASE DESIGNATION AND SERIA 14-20-H62-5500	L NUMBER:
SUNDR	Y NOTICES AND REPORTS	ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE UTE	NAME:
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon n for such proposals.			7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56	
2. NAME OF OPERATOR: BERRY PETROLEUM COMPAI	NY			9. API NUMBER: 43013336060000	
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2	2 Box 7735 , Roosevelt, UT, 84066	PHO	NE NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL				COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 6 Township: 05.0S Range: 06.0W Meri	dian:	U	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start.	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMAT	rion
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR		ENT OR FLARE	WATER DISPOSAL	
✓ DRILLING REPORT	WATER SHUTOFF		SI TA STATUS EXTENSION	APD EXTENSION	
Report Date: 1/19/2012		_ "	I I A STATUS EXTENSION		
	WILDCAT WELL DETERMINATION		OTHER	OTHER:	
l .	COMPLETED OPERATIONS. Clearly show HAT THE LC TRIBAL 12H-6-56 JANUARY 19, 2012.			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD O January 19, 2012	NLY
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMB 435 722-1325	BER	TITLE Regulatory Assistant		
SIGNATURE N/A			DATE 1/19/2012		

	STATE OF UTAH			FORM 9
ι	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN			5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDR	RY NOTICES AND REPORTS	ON W	VELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
	posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.			7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well				8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56
2. NAME OF OPERATOR: BERRY PETROLEUM COMPAI	NY			9. API NUMBER: 43013336060000
3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2	2 Box 7735 , Roosevelt, UT, 84066	PHON	E NUMBER: 303 999-4044 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 6 Township: 05.0S Range: 06.0W Meric	idian: U		STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	TE NAT	TURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	☐ ALT	FER CASING	CASING REPAIR
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	СНА	ANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	□ сог	MMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FRA	ACTURE TREAT	NEW CONSTRUCTION
24.0 5. 110.1. 50.1	OPERATOR CHANGE		JG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME		CLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:				
	REPERFORATE CURRENT FORMATION		ETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
✓ DRILLING REPORT	L TUBING REPAIR		NT OR FLARE	WATER DISPOSAL
Report Date: 1/11/2012	WATER SHUTOFF	L SIT	TA STATUS EXTENSION	APD EXTENSION
171172012	WILDCAT WELL DETERMINATION	□ отн	HER	OTHER:
PLEASE SEE THE AT	COMPLETED OPERATIONS. Clearly show a TTACHED COMPLETION HISTO 12H-6-56.	ORY F	FOR THE LC TRIBAL	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 19, 2012
NAME (PLEASE PRINT) Brooke Broadhead	PHONE NUMB 435 722-1325		FITLE Regulatory Assistant	
SIGNATURE N/A			DATE 1/18/2012	

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Berry Daily Completion and Workover

Report # 1, Report Date: 1/3/2012 Well Name: LC TRIBAL 12H-6-56 Surface Legal Location Spud Date Field Name APD State API/UWI NESE Sec 6 T5S-R6W 43013336060000 11/14/2011 1:30:00 AM Lake Canyon Utah Well Configuration Type Original KB Elevation (ftKB) KB-Ground Distance (ft) KB-Tubing Head Distance (ft) Ground Elevation (ftKB) Horizontal 6,482 20.00 6,462 Primary Job Type Secondary Job Type Fracture Treatment Objective Contractor Ria Number AFF Number Total AFE Amount Daily Cost Cum Cost To Date C11 032038 16,200 16,200 Weather T (°F) Road Condition Tubina Pressure (psi) Casing Pressure (psi) Ria Time (hrs) Job Contac Mobile Time Log Start Time End Time Dur (hrs) Code 1 Operation Comment 00:00 14.00 GOP PREP PAD. SPOT, FILL, & HEAT 63 FRAC TANKS. INSTALL FRAC TREE FROM 14:00 **General Operations** CAMERON. TEST 4-1/2" CASING ANNULUS TO 1,500 PSI, HELD. INSTALL WATER MANIFOLDS & PUMPS. SPOT IN 2 FLOW BACK TANKS. PUT IN FLOW BACK LINES & SAND DUMP. SPOT IN AND RIG UP MAVERICK FRAC EQUIPMENT. RIG UP PROTECHNIC FOR TRACERS AND BAKER TO DROP BALLS TO ACTIVATE FRAC SLEEVES. STAGE #1, (9,093'-9,274'). BAKER DROP 1.870. HOLD SAFETY MEETING. 14:00 14:00 **FRAC** Frac. Job MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 126,300 LBS OF 20/40 OTTAWA. MAX RATE OF 37.1 & AVG RATE OF 23.5. MAX PSI OF 5,831 & AVG PSI OF 3,412. PUMP 2,572 BBLS FLUID 14:00 14:00 FRAC Frac. Job STAGE #2, (8,867'-9,093'). BAKER DROP 2.00. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 126,020 LBS OF 20/40 OTTAWA. MAX RATE OF 40.4 & AVG RATE OF 33.2. MAX PSI OF 4,957 & AVG PSI OF 3,598. PUMP 2,278 BBLS FLUID 14:00 **FRAC** STAGE #3, (8,644'-8,867'). BAKER DROP 2.125. HOLD SAFETY MEETING. 14:00 Frac. Job MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 124,800 LBS OF 20/40 OTTAWA. MAX RATE OF 40.1 & AVG RATE OF 32.4. MAX PSI OF 5,432 & AVG PSI OF 4,519. PUMP 2,230 BBLS FLUID STAGE #4, (8,429'-8,644'). BAKER DROP 2.250. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND 14:00 14:00 **FRAC** Frac .lob OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 121,880 LBS OF 20/40 OTTAWA. MAX RATE OF 40.3 & AVG RATE OF 35.9. MAX PSI OF 3,790 & AVG PSI OF 2,755. PUMP 2,091 BBLS FLUID. ISIP 2,050, 5 MINUTES 1,660, 10 MINUTES 1.510, AND 15 MINUTES 1.440. FRAC GRADIENT .85 **Report Fluids Summary** To well (bbl) From well (bbl) To lease (bbl) From lease (bbl) **Daily Costs** Cost Description Carry Fwd? Code 1 Code 2 Code 3 Vendor 152 2125 ICC 1,100 ICC-CONTRACTSUPERVISION BBC Yes 152 2380 ICC 2,550 ICC-SURFACE RENTALS **CAMERON 278541** Yes 2730 12,550 ICC-LOGGING/FORMATIONEVALUATION PRO TECHNICS 376495 152 ICC Yes Safety Checks Description Comment Type Logs Date Top (ftKB) Btm (ftKB) Cased? Type No Perforations Date Zone Top (ftKB) Btm (ftKB) Current Status Date Stim/Treat Company Zone Type

Page 1/2

Report Printed: 1/17/2012

Berry Daily Completion and Workover

M	Well Name:	LC TRI	BAL 12H-6-5	56				Report	# 1,	керо	rt Date:	1/3/2012
API/UW	/I	Surface Legal	Location	Spuc	d Date		Field N	ame		APD State	Э	
43013	3336060000	NESE Sec	6 T5S-R6W		11/14/2011 1:3	30:00 AM	Lake	Canyon		Utah		
Well Co	onfiguration Type	Original KB	Elevation (ftKB)		KB-Ground Distan	ce (ft)		KB-Tubing Head Distance	ce (ft)		Ground Elevat	ion (ftKB)
Horiz	ontal		6,482			20.00					6,	462
01												
Stg No.	Stage Type			Top (ftKB)			Btm ((ftKB)		٧	(pumped) (bbl)	

Other In Hole Run Date OD (in) Btm (ftKB) Description Top (ftKB) Cement Start Date Description Cement Comp

Page 2/2 Report Printed: 1/17/2012 www.peloton.com

Berry Daily Completion and Workover

Report # 2, Report Date: 1/4/2012 Well Name: LC TRIBAL 12H-6-56 Spud Date Field Name APD State API/UWI Surface Legal Location 43013336060000 NESE Sec 6 T5S-R6W 11/14/2011 1:30:00 AM Lake Canyon Utah Well Configuration Type Original KB Elevation (ftKB) KB-Ground Distance (ft) KB-Tubing Head Distance (ft) Ground Elevation (ftKB) Horizontal 6,482 20.00 6,462 Primary Job Type Secondary Job Type Fracture Treatment Objective Contractor Rig Number AFF Number Total AFE Amount Daily Cost Cum Cost To Date C11 032038 9,510 25,710 Weather Road Condition Tubina Pressure (psi) Casing Pressure (psi) Ria Time (hrs) T (°F) Job Contac Mobile Title Time Log Start Time End Time Dur (hrs) Code 1 Operation Comment 00:00 12.00 FRAC KCL SUPPLIER OUT OF KCL. ONLY ENOUGH KCL TO PUMP 3 FRAC STAGES 12:00 Frac. Job STAGE #5, (8,203'-8,429'). BAKER DROP 2.378. HOLD SAFETY MEETING. 12:00 12:00 FRAC Frac. Job MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,930 LBS OF 100 MESH AND 84,840 LBS OF 20/40 OTTAWA. MAX RATE OF 40.6 & AVG RATE OF 26.3. MAX PSI OF 5,206 & AVG PSI OF 3,370. PUMP 2,195 BBLS FLUID. CUT FRAC SHORT DUE TO HIGH PSI. STAGE #6, (7,978'-8,203'). BAKER DROP 2.506. HOLD SAFETY MEETING. 12:00 12:00 FRAC Frac. Job MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,930 LBS OF 100 MESH AND 125,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.5 & AVG RATE OF 31.1. MAX PSI OF 5,404 & AVG PSI OF 3,274. PUMP 2,445 BBLS FLUID. ISIP 1,900. 5 MINUTES 1,470. 10 MINUTES 1,430. 15 MINUTES 1,400. STAGE #7, (7,752'-7,978'). BAKER DROP 2.620. HOLD SAFETY MEETING. 12:00 12:00 **FRAC** Frac. Job MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,320 LBS OF 100 MESH AND 125,880 LBS OF 20/40 OTTAWA. MAX RATE OF 40.6 & AVG RATE OF 26.4. MAX PSI OF 4,564 & AVG PSI OF 2,748. PUMP 2,293 BBLS FLUID. ISIP 2,200. 5 MINUTES 1,740. 10 MINUTES 1,680. 15 MINUTES 1,570. FRAC GRADIENT .88 **Report Fluids Summary** To well (bbl) From well (bbl) From lease (bbl) To lease (bbl) Daily Costs Code 1 Code 2 Code 3 Cost Description Carry Fwd? 152 2125 ICC 1,100 ICC-CONTRACTSUPERVISION BBC Yes 2730 ICC 8,410 ICC-LOGGING/FORMATIONEVALUATION PRO TECHNICS 376496 152 Yes Safety Checks Description Туре Comment Logs Date Туре Btm (ftKB) Cased? No **Perforations** Zone Top (ftKB) Btm (ftKB) Current Status Date Zone Туре Stim/Treat Company Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl) Other In Hole Description Run Date OD (in) Top (ftKB) Btm (ftKB) Cement Description Start Date Cement Comp

www.peloton.com Page 1/1 Report Printed: 1/17/2012



Berry Daily Completion and Workover

Report # 3, Report Date: 1/5/2012 Well Name: LC TRIBAL 12H-6-56 Spud Date Field Name APD State API/UWI Surface Legal Location 43013336060000 NESE Sec 6 T5S-R6W 11/14/2011 1:30:00 AM Lake Canyon Utah Well Configuration Type Original KB Elevation (ftKB) KB-Ground Distance (ft) KB-Tubing Head Distance (ft) Ground Elevation (ftKB) Horizontal 6,482 20.00 6,462 Primary Job Type Secondary Job Type Fracture Treatment Objective Contractor Ria Number AFF Number Total AFE Amount Daily Cost Cum Cost To Date C11 032038 9,050 34,760 Weather Road Condition Tubina Pressure (psi) Casing Pressure (psi) Ria Time (hrs) T (°F) Job Contac Mobile Title Time Log Start Time End Time Dur (hrs) Code 1 Operation Comment 00:00 12.00 FRAC STAGE #8, (7,530'-7,752'). BAKER DROP 2.750. HOLD SAFETY MEETING. 12:00 Frac. Job MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 125,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.5 & AVG RATE OF 27.8. MAX PSI OF 5,551 & AVG PSI OF 3.156. PUMP 2.293 BBLS FLUID. ISIP 1.880. 5 MINUTES 1.600. 10 MINUTES 1,560. 15 MINUTES 1,520. FRAC GRADIENT .81 STAGE #9, (7,304'-7,530'). BAKER DROP 2.870. HAD TO DROP SECOND BALL. 12:00 12:00 **FRAC** Frac. Job HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 130,040 LBS OF 20/40 OTTAWA. MAX RATE OF 40.2 & AVG RATE OF 27.2. MAX PSI OF 3,886 & AVG PSI OF 2,715. PUMP 2,360 BBLS FLUID. 12:00 12:00 FRAC STAGE #10, (7,078'-7,304'). BAKER DROP 3.000. HOLD SAFETY MEETING. Frac. Job MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 126,240 LBS OF 20/40 OTTAWA. MAX RATE OF 40.4 & AVG RATE OF 33.7. MAX PSI OF 4,544 & AVG PSI OF 2,778. PUMP 2,234 BBLS FLUID. **FRAC** STAGE #11, (6,853'-7,078'). BAKER DROP 3.12. HOLD SAFETY MEETING. 12:00 12:00 Frac. Job MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 127,020 LBS OF 20/40 OTTAWA. MAX RATE OF 40.3 & AVG RATE OF 33.5. MAX PSI OF 5,072 & AVG PSI OF 3,080. PUMP 2,244 BBLS FLUID. STAGE #12, (6,627'-6,853'). BAKER DROP 3.25. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND 12:00 **FRAC** Frac. Job 12:00 OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 130,100 LBS OF 20/40 OTTAWA. MAX RATE OF 40.7 & AVG RATE OF 36.1. MAX PSI OF 3,796 & AVG PSI OF 2,530. PUMP 2,210 BBLS FLUID. Report Fluids Summary To well (bbl) From well (bbl) To lease (bbl) From lease (bbl) **Daily Costs** Code 1 Code 2 Code 3 Cost Description Carry Fwd? 152 2125 1,100 ICC-CONTRACTSUPERVISION BBC ICC Yes 7,950 ICC-LOGGING/FORMATIONEVALUATION 152 2730 ICC PRO TECHNICS 376497 Yes Safety Checks Description Туре Comment Logs Btm (ftKB) Date Type Top (ftKB) Cased? **Perforations** Date Zone Top (ftKB) Btm (ftKB) Current Status Date Zone Туре Stim/Treat Company Stg No. Top (ftKB) Btm (ftKB) Stage Type V (pumped) (bbl)

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Berry Daily Completion and Workover

Well Name: LC TRIBAL 12H-6-56

Report # 3, Report Date: 1/5/2012

API/UWI S	Surface Legal Location Sp	oud Date	Field Name	APD State
43013336060000 N	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah
Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Other In Hole									
Description		Run Date	OD (in)	Top (ftk	(B)	Btm (ftKB)			
Cement		'	1	<u> </u>					
Description Start Date Cement Comp									

www.peloton.com Page 2/2 Report Printed: 1/17/2012

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Am	w w	ell Nan	ne: L	C TRIE	BAL 1	2H-6-5	6						Rep	ort # 4	4, F	Repo	rt Date	: 1/0	6/2012
API/UWI 4301333			Surfa	ace Legal L SE Sec	ocation		Spud D		1.20.00 4		Field Na					PD State	Э		
Well Configu				riginal KB E	Elevation	(ftKB)		B-Ground Dis	1:30:00 Al stance (ft)	VI	Lake (ng Head D	istance (ft)		Jtah	Ground El	evation (ftKB)
Horizonta					6,4	82			20.00									6,462	
Primary Job Fracture Objective		nt							Secondary Jo	ob Type	•								
Contractor												Ri	g Number						
AFE Numbe				Total	AFE Amo	ount			Daily Cost		4544			Cum C	Cost To		400.05		
Weather	C11 (032038		T (°I	F)	Road C	ondition				,154,1 Tubing Pr		(psi)	Casing Pre	essure		,188,950 Rig Tim		
					Job Cor	ntact							Title				Mo	bile	
Time Log	a															1			
Start Time			ur (hrs) 12.00 I	Code 1	Frac.	Operat	ion	STAGE	#13, (6,35	57'-6 6	327'\	BAKE	Comm		нОІ	D SAI	EETV MI	EETINI	2
	12.00		12.00	INAC	i iac.	300		MAVER OPEN 20/40 C	RICK PRES FRAC SLE DTTAWA. SI OF 2,80	SSUR EVE. MAX	E TES PUM RATE	T LINE IP 23,4 OF 40	ES TO 6 20 LBS .2 & AV0	,000 PS OF 100 3 RATE	I, HE	ELD. F SH ANI	PUMP BA D 115,00	ALL AN 00 LBS	ID OF
12:00	12:00			FRAC	Frac.	Job		MAVER OPEN 20/40 C AVG PS	#14, (6,00 RICK PRES FRAC SLE DTTAWA. SI OF 2,64 ES 1,600.	SSUR EVE. MAX 4. P	E TÉS PUM RATE UMP 2	ST LINE IP 23,4 OF 40 2,069 E	ES TO 6 20 LBS .3 & AV BBLS FL	,000 PS OF 100 3 RATE UID. IS	I, HE MES OF 3 DP 4	ELD. F SH ANI 31.8. M 1,720.	PUMP BA D 115,00 MAX PSI 5 MINU	ALL AN 00 LBS 1 OF 3, TES 1,	ID OF 957 &
Report F	luids Su Fluid	mmary			To well (bb	M.		From w	voll (bbl)			То	lease (bbl)				From lea	so (bbl)	
	Tidid				io well (bb	n)		1 TOTT W	eli (bbi)			10	icase (bbi)	<u>'</u>			Tromica	36 (001)	
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		ICC			· /			UPERVIS			BBC		,						es
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Safety C	hecks	1			<u>'</u>						<u>'</u>								
Time			Descrip	tion				Т	уре						С	omment			
Logs	'											_							
	Date					Тур	ре				To	op (ftKB)	ı			Btm (ft	tKB)		Cased?
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Perforati	Date				Zone			Top (ftKB)			Е	8tm (ftKB)				Current	Status	
Date		Z	one						Туре							Stir	m/Treat Co	mpany	
Stg No.		Stage Type	e			Т	op (ftKB)				Btm (f	ftKB)				V ((pumped) (l	bbl)	
Other In	Hole	Descrip	tion				Run Date)		OD (in))		Т	op (ftKB)			Bt	m (ftKB)	
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Cement	Des	cription						Start	Date							Ce	ement Com	D.	
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www.pel	oton.cor	n						Page	e 1/1							Repo	ort Printe	ed: 1/	17/2012

Berry Daily Completion and Workover

An		Well Nar	ne: LC T	RIBAL 12H	1-6-56						Report	# 5,	Repor	t Date:	1/10	0/2012
API/UWI 4301333	36060	000		gal Location Sec 6 T5S-R6	W	Spud Da	te /14/2011 1:	30:00 AM	Field N Lake		nvon		APD Sta	te		
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Primary Jo				-,				condary Job Ty	уре							
Fracture Objective	Treat	tment														
Contractor											Rig Number					
AFE Numb	er		-	Total AFE Amount			Da	ily Cost				Cum Co:	st To Date			
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vveautet									Tubing	116330	. ,	ising Fress	sure (psi)			
				Job Contac	t						Title			Mo	oile	
Time Lo																
Start Tim 00:00		End Time D 2:00	12.00 DRP		Operation plugs		IPS (INTE	GRATED F	PRODU	CTIC	Commen ON SERVICE	S) MIRL	J COIL T	BG UNIT	(2" C(OIL).
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							10 MINU	TES PER P	LUG). I	PUM	P 2.5 BPM A	ND AVG	3.0 BP	M DURIN	Ġ RET	URNS
											SI AVG BETW H & BLOW [
Donout	دان: ماء	s Summary														
кероп	riuius	Fluid		To well (bbl)			From well	(bbl)			To lease (bbl)			From leas	se (bbl)	
Daily Co	osts															
Code 1 152	2125		Cos		:-CONTR		Description PERVISIO	N	BB	C.	V	endor/				y Fwd? 'es
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Date		Z	Zone				Ту	ре					Si	im/Treat Con	npany	
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110.		Stage Typ	Je		TOP (II	ind)			Dun	(ftKB)			v	(pumped) (b	DI)	
Other In) Hole	Descri	otion		P	Run Date		OD	(in)		Ton	(ftKB)		Rtn	n (ftKB)	
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Berry Daily Completion and Workover

MIZ	w	ell Nar	ne: LC T	RIBAL 1	2H-6-56	;					Repor	t#6,	Report I	Date:	1/11/201	2
API/UWI 4301333			Surface Le	gal Location Sec 6 T5S-F		Spud Date	e 14/2011 1:	30:00 AM	Field Lake	Name e Canyor			APD State Utah			٦
Well Configu Horizonta		ı	Original	KB Elevation (,	KB-0	Ground Distar	nce (ft) 20.00		KB-Tubin	g Head Dist	tance (ft)	G		ration (ftKB) 5,462	
Primary Job				0,-10			Se	econdary Job T	Гуре						5,402	ᅴ
Fracture		nt							71 -							
Objective																
Contractor										Rig	Number					
AFE Numbe			-	Total AFE Amo	unt		Da	aily Cost				Cum Cos	st To Date			\dashv
Weather	C11	032038		T (°F)	Road Co	ndition			215,9 Tubing	970 Pressure (p	osi) C	asing Press	,	106,020 Rig Time	(hrs)	\dashv
															,	
				Job Con	tact						Title			Mob	ile	
Time Log													·			
Start Time 00:00	12:00		nur (hrs) Cod 12.00 LOG		Operation of the control of the cont	on .	TECHNIC WELL. O THROUG LOGGIN AND COI OF PAD.	G AT 30'/M	Y TOOL L AND F AL SEC IIN. FIN IS. BLC ELL ON	HOOK RIH WITH CTION. U IISH ROI DW COIL AT 650 F	UP TOC H COIL T JP RATE UND TRI DRY. R PSI ON A	, PUT O DL. PRE UBING. TO 1.5 I P AND B /D COIL	SSURE TE PUMP RA 3PM THRO REAK OFI TUBING U	ST. HO TE AT .5 DUGH H F SURVI NIT ANI	OK UP TO 5 BPM ORIZONTA EY TOOLS D ROAD OF	
Report F	Fluids Su	mmary		To well (bb)		From well	(bbl)		To I	ease (bbl)			From lease	e (bbl)	
Daily Co	ete															\dashv
Code 1	Code 2	Code 3	Cos		20 MATE		Description		Τ.	DOET 70		Vendor			Carry Fwd?	
	2106 2125	ICC ICC		·		R&WATER			BB	RGET 70 C	J52				Yes Yes	
	2305	ICC		· · · · · · · · · · · · · · · · · · ·		OST-COM				5643					Yes	
	2380 2730	ICC		100,710				VALUATIOI		LBO	NICS 19	1/02			Yes Yes	
	2381	ICC				NHOLERE		VALUATIO			ING 9948				Yes	
Safety C	hecks															
Time			Description				Тур	e					Comment			
Loge																
Logs	Date				Туре	9				Top (ftKB)			Btm (ftKE	3)	Cased	
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Perforati	ions Date			Zone			Top (ftK	(B)		Bi	tm (ftKB)			Current S	tatus	
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Date		Ž	Zone				Ту	уре					Stim/	Treat Com	pany	
Stg No.		Stage Typ			Too	n /ftl/D)			Dtw	ı (ftKB)			V/ (n)	umped) (bb	.I)	
110.		Stage Typ) C		10	p (ftKB)			Dill	i (iiND)			ν (ρι	umpeu) (bu	11)	_
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		Descrip	ption			Run Date		OD) (in)		lop	p (ftKB)		Btm	(ftKB)	-
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	Des	cription					Start Da	ate					Cem	nent Comp		
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www.pel	oton.co	m					Page	1/1					Report	t Printed	d: 1/17/201	2

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

(5/2000)

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L	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list					
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposals to drill ne drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, or to orm for such proposals.	7. UNIT or CA AGREEMENT NAME:					
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: See Attached List					
2. NAME OF OPERATOR:								
Berry Petroleum 3. ADDRESS OF OPERATOR:		PHONE NUMBER:	Attached 10. FIELD AND POOL, OR WILDCAT:					
Rt 2 Box 7735	Roosevelt STATE UT ZIP		10. FIELD AND FOOL, OR WILDOAT.					
4. LOCATION OF WELL	Service Annual Control of the Contro		and the fact that the first					
FOOTAGES AT SURFACE:			соилту: Duchesne					
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:		STATE: UTAH					
11. CHECK APPE	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION	, 6 6 6					
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION					
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL					
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON					
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR					
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE					
✓ SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL					
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF					
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:					
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION						
Produced wastewater from our enhanced oil recovery	n Berry Petroleum Company wel project(s) in the Brundage Cany	pertinent details including dates, depths, volun Is (see attached well list) will be on Field or they will be trucked t	or have been used for injection in					
waste water disposal sites	:	CO	PY SENT TO OPERATOR					
• R.N. Industries, Inc. Sec		Dat	e: 12-13-2012					
MC & MC Disposal Sec.								
	ge Sec. 12, T5S, R19E, LaPoint 32, T1S, R1W, Roosevelt	Init	ials: <u>K5</u>					
	osevelt Location Pleasant Valley							
	ont or 20250 W 2000 S Duchesn							
• Pro vvater 12223 Highlai		nonga Ca 91739 Location – Blue F oved by the	Bench					
•		h Division of						
		as and Mining						
		1 1						
	Date:	2/11/2						
NAME (PLEASE PRINT) Krista Med	cham By:	Sr. Regulatory &	R Permitting Tech					
+ to Into	MILLANAM	11/21/2012						
SIGNATURE Y W W W	3001 INV	DATE						
(This space for State use only)	ediral Approval of a for Federal a	this ation	RECEIVED					
Facus	I for Calerol A	iells.	DEC 0 6 2012					
1 Equire	a gor raine							
(5/2000)		tructions on Reverse Side)	/.OFO!L,GAS&MIN!NG					

(See Instructions on Reverse Side)

API	Well Name	Lease
43-013-32710	#1 DLB 12-15-56	Fee
43-013-33447		Fee
43-013-33378	14-11-56 DLB	Fee
	B C UTE TRIBAL 14-15	14-20-H62-3412
	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-Н62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-H62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-Н62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-H62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-H62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
	FEDERAL 10-2-65	UTU-77326
43-013-33386	FEDERAL 10-3-65	UTU-77326
	FEDERAL 10-6D-64	UTU-77322
	FEDERAL 11-10-65	UTU-77330
	FEDERAL 11-1D-65	UTU-77326
	FEDERAL 11-2D-65	UTU-77326
	FEDERAL 11-4D-64	UTU-77314
	FEDERAL 11-5D-64	UTU-8894A
	FEDERAL 11-6D-64	UTU-77322
	FEDERAL 12-1D-65	UTU-77326
	FEDERAL 12-3D-64	UTU-77321
	FEDERAL 12-5D-64	UTU-8894A
	FEDERAL 12-6D-64	UTU-77322
	FEDERAL 1-2D-64	UTU-77321
	FEDERAL 1-2D-65	UTU-77326
	FEDERAL 13-1D-65	UTU-77326
	FEDERAL 13-5D-64	UTU-8894A
	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
	FEDERAL 14-6D-64	UTU-77322
	FEDERAL 15-1D-65	UTU-77326
	FEDERAL 15-2D-65	UTU-77326
	FEDERAL 15-5D-65	UTU-77327
	FEDERAL 16-1D-65	UTU-77326
	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
	FEDERAL 6-6D-64	UTU-77322
	FEDERAL 6-6D-65	UTU-77327
	FEDERAL 7-11D-65	UTU-77330
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<u>}</u>	FEDERAL 7-2D-64	UTU-77321
	FEDERAL 7-2D-65	UTU-77326
	FEDERAL 7-3D-65	UTU-77326
	FEDERAL 7-6D-64	UTU-77322
·	FEDERAL 8-11D-65	UTU-77326
	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
	FEDERAL 8-2D-65	UTU-77326
	FEDERAL 8-6D-64	UTU-77322
	FEDERAL 9-1D-65	UTU-77326
	FEDERAL 9-2D-65	UTU-77326
	FEDERAL 9-6D-64	UTU-77322
	FOY TRIBAL 11-34-55	UTU-76968
	FOY TRIBAL 12H-33-55	FEE
	LC FEE 10-28D-56	FEE
	LC FEE 10-31D-45	FEE
	LC FEE 1-22-57	FEE
	LC FEE 1-22D-56	FEE
	LC FEE 1-31D-45	FEE
	LC FEE 13-29-45	FEE
	LC FEE 15-23D-56	FEE
	LC FEE 16-16D-56	FEE
	LC FEE 2-20D-56	FEE
	LC FEE 6-12-57	FEE
	LC FEE 8-28D-56	FEE
	LC FEE 8-29-45	FEE
	LC FEE 9-12D-57	FEE
	LC FEE 9-19-56	FEE
	LC TRIBAL 10-16D-56	14-20-H62-6301
	LC TRIBAL 10-21-56	14-20-H62-3433
	LC TRIBAL 11-17-56	14-20-H62-6300
	LC TRIBAL 11-3D-56	14-20-H62-6435
	LC TRIBAL 12-22D-56	14-20-H62-6302
	LC TRIBAL 12H-6-56	14-20-H62-5500
	LC TRIBAL 13-16D-56	14-20-H62-5623
	LC TRIBAL 13H-3-56	14-20-H62-6435
	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
	LC TRIBAL 14-2-56	14-20-H62-6472
	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-Н62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-Н62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-Н62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

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	LC TRIBAL 4-27D-56	14-20-H62-6303
	LC TRIBAL 5-14D-56	14-20-H62-6436
	LC TRIBAL 5-21D-56	14-20-H62-3433
	LC TRIBAL 5-23D-56	14-20-Н62-6434
	LC TRIBAL 6-22D-56	14-20-H62-6302
	LC TRIBAL 6-27D-56	14-20-H62-6303
	LC TRIBAL 6-28-45	2OG-000-5500
	LC TRIBAL 7-27-45	2OG-000-5500
	LC TRIBAL 7-3-56	14-20-H62-5656
	LC TRIBAL 8-16D-56	14-20-H62-6301
-	LC TRIBAL 8-28-46	14-20-H62-5500
	LC TRIBAL 8-30D-56	2OG-000-5500
	LC TRIBAL 8-4-56	14-20-H62-6256
	LC TRIBAL 9-15D-56	14-20-H62-6435
	LC TRIBAL 9-28D-45	2OG-000-5500
	LC TRIBAL 9-8D-56	2OG-000-5500
	LC TRIBAL 9-9D-56	2OG-000-5500
	LC Tribal 11-24-45	2OG-000-5500
43-013-32931	MOON TRIBAL 10-2-54	14-20-H62-3404
43-013-32540	MOON TRIBAL 10-27-54	14-20-Н62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
43-013-32347	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-H62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-H62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
43-013-34109	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-Н62-3375
43-013-32543	MOON TRIBAL 8-27-54	14-20-Н62-3375
	MYRIN TRIBAL 14-19-55	14-20-H62-5058
	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-Н62-3375
	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
	SCOFIELD THORPE 22-41X RIG SKID	FEE
	SCOFIELD-THORPE 23-31	FEE
****	SCOFIELD-THORPE 35-13	FEE
	SFW FEE 14-10D-54	FEE
	SFW FEE 15-10-54	FEE

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	SFW TRIBAL 10-10D-54	14-20-H62-5517
	SFW TRIBAL 9-10D-54	14-20-H62-5517
	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
	ST TRIBAL 1-15D-54	14-20-H62-4661
	ST TRIBAL 2-15-54	14-20-H62-4661
	ST TRIBAL 3-15D-54	14-20-H62-4661
	ST TRIBAL 4-15-54	14-20-H62-4661
	ST TRIBAL 5-15D-54	14-20-H62-4661
	ST TRIBAL 6-15-54	14-20-H62-4661
	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-H62-5035
	STATE TRIBAL 7-18-54	14-20-H62-5035
	T C UTE TRIBAL 9-23X	14-20-H62-3443
	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-Н62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
43-013-32740	UTE TRIBAL 10-20-54	14-20-H62-3529
43-013-32603	UTE TRIBAL 10-21-55	14-20-H62-4825
43-013-32592	UTE TRIBAL 10-22-54	14-20-H62-3415
43-013-33722	UTE TRIBAL 10-22D-55	14-20-H62-4754
43-013-33358	UTE TRIBAL 10-23D-55	14-20-H62-3443
43-013-32932	UTE TRIBAL 10-24-54	14-20-H62-4716
	UTE TRIBAL 10-24D-55	14-20-H62-4749
	UTE TRIBAL 10-25-55	14-20-H62-3537
	UTE TRIBAL 10-26D-54	14-20-H62-4954
	UTE TRIBAL 10-26D-55	14-20-H62-3444
	UTE TRIBAL 10-27D-55	14-20-H62-4753
	UTE TRIBAL 10-28-54	14-20-H62-4740
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		14-20-H62-5019
	UTE TRIBAL 10-29-54	14-20-H62-5036
	UTE TRIBAL 10-29D-55	14-20-H62-5020
	UTE TRIBAL 10-31-54	14-20-H62-4946
	UTE TRIBAL 10-31-55	14-20-H62-5060
	UTE TRIBAL 10-32-54	14-20-H62-4947
	UTE TRIBAL 10-33-54	14-20-H62-4948
	UTE TRIBAL 10-35-55	14-20-H62-4945
	UTE TRIBAL 10-36D-55	14-20-H62-4944
	UTE TRIBAL 10S-21D-54	14-20-H62-3141
	UTE TRIBAL 11-12-55	14-20-H62-5518
	UTE TRIBAL 11-13-54	14-20-H62-4894
	UTE TRIBAL 11-13-55	14-20-H62-4845
	UTE TRIBAL 11-14-55	14-20-H62-5016
	UTE TRIBAL 11-15-54	14-20-H62-4661
	UTE TRIBAL 11-15-55	14-20-H62-5017
	UTE TRIBAL 11-16-54	14-20-H62-3413
	UTE TRIBAL 11-17	14-20-H62-4731
	UTE TRIBAL 11-19	14-20-H62-3528
43-013-32168	UTE TRIBAL 11-20	14-20-H62-3529
43-013-32415	UTE TRIBAL 11-20-55	14-20-H62-5018
43-013-33115	UTE TRIBAL 11-21-54	14-20-H62-3414
43-013-33116	UTE TRIBAL 11-22-54	14-20-H62-3415
43-013-32607	UTE TRIBAL 11-22-55	14-20-H62-4754
43-013-32269	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
43-013-31911	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
43-013-32990	UTE TRIBAL 11-25-56	14-20-H62-5065
43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
43-013-33478	UTE TRIBAL 11-26D-55	14-20-H62-3444
43-013-32615	UTE TRIBAL 11-27-55	14-20-H62-4753
43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
43-013-34057	UTE TRIBAL 11-28-55	14-20-H62-5019
43-013-32563	UTE TRIBAL 11-29-54	14-20-H62-5032
43-013-32512	UTE TRIBAL 11-30-54	14-20-H62-4662
43-013-32530	UTE TRIBAL 11-31-54	14-20-H62-4946
43-013-33793	UTE TRIBAL 11-32D-54	14-20-H62-4947
	UTE TRIBAL 11-33-54	14-20-H62-4948
43-013-33783	UTE TRIBAL 11-35-55	14-20-H62-5053
43-013-33214	UTE TRIBAL 11-36D-55	14-20-H62-4944
	UTE TRIBAL 1-14D-54	14-20-H62-5033
	UTE TRIBAL 1-14D-55	14-20-H62-5016
-	UTE TRIBAL 11-5-54	14-20-H62-5516
	UTE TRIBAL 1-15-55	14-20-H62-5017
	UTE TRIBAL 1-16-54	14-20-H62-3413
	UTE TRIBAL 1-20	14-20-H62-3529
	UTE TRIBAL 1-20-55	14-20-H62-5018
	UTE TRIBAL 12-14-54	14-20-H62-5033
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	UTE TRIBAL 12-14D-55	14-20-H62-4661
	UTE TRIBAL 12-15	14-20-H62-5017
	UTE TRIBAL 12-15-55 UTE TRIBAL 12-16-54	14-20-H62-3413
		14-20-H62-4919
	UTE TRIBAL 12-17	14-20-H62-5035
	UTE TRIBAL 12-18-54	14-20-H62-3528
	UTE TRIBAL 12-19-54	14-20-H62-3529
	UTE TRIBAL 12-20-54	14-20-H62-3414
	UTE TRIBAL 12-21-54	14-20-H62-4825
	UTE TRIBAL 12-21D-55	14-20-H62-4754
	UTE TRIBAL 12-22-55	14-20-H62-3443
	UTE TRIBAL 12-23D-55	14-20-H62-4749
	UTE TRIBAL 12-24D-55	14-20-H62-4749
	UTE TRIBAL 12-25-55	14-20-H62-3537
	UTE TRIBAL 12-26D-54	14-20-H62-3444
	UTE TRIBAL 12-26D-55	14-20-H62-4740
	UTE TRIBAL 12-28-54	14-20-H62-5019
	UTE TRIBAL 12-28D-55	14-20-H62-5036
	UTE TRIBAL 12-29-54	14-20-H62-5020
	UTE TRIBAL 12-29D-55	14-20-H62-5020
	UTE TRIBAL 1-22D-54	14-20-H62-3415
	UTE TRIBAL 1-22D-55	14-20-H62-4754
	UTE TRIBAL 12-31D-54	14-20-H62-4946
43-013-32925	UTE TRIBAL 12-32-54	14-20-H62-4947
43-013-33266	UTE TRIBAL 12-32-55	14-20-H62-5026
43-013-33090	UTE TRIBAL 12-33-54	14-20-562-4948
43-013-32524	UTE TRIBAL 1-23-55	14-20-H62-3443
	UTE TRIBAL 12-35D-55	14-20-H62-4945
43-013-32354	UTE TRIBAL 12-36-55	14-20-H62-4944
	UTE TRIBAL 1-24-55	14-20-H62-4749
43-013-31912	UTE TRIBAL 1-26	14-20-H62-3444
43-013-33680	UTE TRIBAL 1-26D-54	14-20-H62-4943
43-013-32416	UTE TRIBAL 1-27-55	14-20-H62-4753
43-013-31549	UTE TRIBAL 1-28	14-20-H62-4740
43-013-33784	UTE TRIBAL 1-28D-55	14-20-H62-5019
43-013-33184	UTE TRIBAL 12Q-25-55	14-20-H62-3537
43-013-32599	UTE TRIBAL 13-13-55	14-20-H62-4845
43-013-33364	UTE TRIBAL 13-14-54	14-20-H62-5033
43-013-32600	UTE TRIBAL 13-14-55	14-20-H62-5016
43-013-32526	UTE TRIBAL 1-31-54	14-20-H62-4946
43-013-32602	UTE TRIBAL 13-15-55	14-20-H62-5017
43-013-33039	UTE TRIBAL 13-15D-54	14-20-H662-4661
43-013-32511	UTE TRIBAL 13-16-54	14-20-H62-3413
43-013-31546	UTE TRIBAL 13-17	14-20-H62-4919
43-013-32571	UTE TRIBAL 13-18-54	14-20-H62-5032
	UTE TRIBAL 13-19	14-20-H62-3528
	UTE TRIBAL 13-20	14-20-H62-3529
	UTE TRIBAL 13-20-55	14-20-H62-5018
	UTE TRIBAL 13-21-54	14-20-H62-3414
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	UTE TRIBAL 13-22	14-20-H62-3415
	UTE TRIBAL 13-22D-55	14-20-Н62-4754
	UTE TRIBAL 13-23-55	14-20-Н62-3443
	UTE TRIBAL 13-24	14-20-H62-4749
	UTE TRIBAL 13-25	14-20-H62-3537
	UTE TRIBAL 13-26-54	14-20-H62-4954
	UTE TRIBAL 13-26D-55	14-20-H62-3444
	UTE TRIBAL 13-28-54	14-20-H62-4740
	UTE TRIBAL 13-28D-55	14-20-H62-5019
	UTE TRIBAL 13-29-54	14-20-H62-5032
43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
43-013-33123	UTE TRIBAL 14-16-54	14-20-H62-3413
43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
43-013-33717	UTE TRIBAL 14-22D-55	14-20-H62-4754
43-013-33915	UTE TRIBAL 14-23D-55	14-20-H62-3443
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32988	UTE TRIBAL 14-24-56	14-20-H62-5064
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32776	UTE TRIBAL 14-25-54	14-20-H62-3440
43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
43-013-33673	UTE TRIBAL 14-26D-54	14-20-H62-4954
43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
43-013-33684	UTE TRIBAL 14-27D-55	14-20-H62-4753
43-013-32348	UTE TRIBAL 14-28-55	14-20-H62-5019
43-013-33278	UTE TRIBAL 14-28D-54	14-20-H62-5036
43-013-33042	UTE TRIBAL 14-31D-54	14-20-H62-4946
43-013-32523	UTE TRIBAL 14-32-54	14-20-H62-4947
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43-013-33093 UTE TRIBAL 14-33-54	14-20-H62-4949
43-013-33955 UTE TRIBAL 14-35D-55	14-20-H62-4945
43-013-32355 UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277 UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479 UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212 UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971 UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855 UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648 UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649 UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358 UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148 UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832 UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386 UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357 UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617 UTE TRIBAL 15-22-55	14-20-H62-4754
43-013-34116 UTE TRIBAL 15-22D-54	14-20-H62-3415
43-013-31671 UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129 UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271 UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768 UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362 UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339 UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389 UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561 UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382 UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743 UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666 UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768 UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804 UTE TRIBAL 15-35-54	14-20-H62-5053
43-013-33954 UTE TRIBAL 15-35D-55	14-20-H62-4945
43-013-33049 UTE TRIBAL 15-36-55	14-20-H62-4944
43-013-33327 UTE TRIBAL 16-13D-55	14-20-H62-4845
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43-013-32588 UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757 UTE TRIBAL 16-16-55	14-20-H62-5024
43-013-33132 UTE TRIBAL 16-17-54	14-20-H62-4731
43-013-31650 UTE TRIBAL 16-18	14-20-H62-4919
43-013-32691 UTE TRIBAL 16-19-54	14-20-H62-3528
43-013-32739 UTE TRIBAL 16-20-54	14-20-H62-3529
43-013-32381 UTE TRIBAL 16-21-54	14-20-H62-3414
43-013-32842 UTE TRIBAL 16-22-54	14-20-H62-3415
43-013-33267 UTE TRIBAL 16-22D-55	14-20-H62-4754
43-013-33046 UTE TRIBAL 16-23-55	14-20-H-62-3443
43-013-32775 UTE TRIBAL 16-24-54	14-20-H62-4716
43-013-32672 UTE TRIBAL 16-24-55	14-20-H62-3440
43-013-32759 UTE TRIBAL 16-25-55	14-20-H62-3537
43-013-34042 UTE TRIBAL 16-26-54	14-20-H62-4954
43-013-33965 UTE TRIBAL 16-26D-55	14-20-H62-3444

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	UTE TRIBAL 16-27D-55	14-20-H62-4753
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	UTE TRIBAL 16-29-54	14-20-H62-5036
	UTE TRIBAL 16-29-55	14-20-H62-5020
	UTE TRIBAL 16-3-54	14-20-H62-4778
	UTE TRIBAL 16-30-54	14-20-H62-4662
	UTE TRIBAL 16-31D-54	14-20-H62-4946
	UTE TRIBAL 16-32D-54	14-20-H62-4947
	UTE TRIBAL 16-33-54	14-20-H62-4948
	UTE TRIBAL 16-35-55	14-20-H62-4945
	UTE TRIBAL 16-36-55	14-20-Н62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-Н62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
	UTE TRIBAL 2-19	14-20-H62-4919
	UTE TRIBAL 2-20-54	14-20-H62-3529
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
43-013-33045	UTE TRIBAL 2-23-55	14-20-H62-3443
43-013-32569	UTE TRIBAL 2-24-54	14-20-H62-4716
43-013-31833	UTE TRIBAL 2-25	14-20-H62-3537
43-013-32868	UTE TRIBAL 2-26-54	14-20-H62-4954
43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
43-013-32762	UTE TRIBAL 2-31-54	14-20-H62-4946
43-013-32935	UTE TRIBAL 2-31-55	14-20-H62-5060
43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
43-013-32663	UTE TRIBAL 3-10-54	14-20-H62-5517
	UTE TRIBAL 3-14-55	14-20-H62-5016
	UTE TRIBAL 3-14D-54	14-20-H62-5033
	UTE TRIBAL 3-19	14-20-H62-3528
	UTE TRIBAL 3-20-54	14-20-H62-4919
	UTE TRIBAL 3-21-54	14-20-H62-3414
	UTE TRIBAL 3-21-55	14-20-H62-4825
	UTE TRIBAL 3-22-54	14-20-H62-3415
	UTE TRIBAL 3-22-55	14-20-H62-4754
	UTE TRIBAL 3-23-55	14-20-H62-3443
	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
	UTE TRIBAL 3-25	14-20-H62-3537
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43-013-32993 UTE TRIBAL 3-25-56	14-20-H62-5065
43-013-33681 UTE TRIBAL 3-26D-54	14-20-H62-4954
43-013-32417 UTE TRIBAL 3-27-55	14-20-H62-4753
43-013-32261 UTE TRIBAL 3-28-54	14-20-H62-4740
43-013-33723 UTE TRIBAL 3-29-55	14-20-H62-5020
43-013-32625 UTE TRIBAL 3-30-54	14-20-H62-4662
43-013-32862 UTE TRIBAL 3-30-55	14-20-H62-5059
43-013-32527 UTE TRIBAL 3-31-54	14-20-H62-4946
43-013-32410 UTE TRIBAL 3-32-54	14-20-H62-4947
43-013-33363 UTE TRIBAL 3-32D-55	14-20-H62-5206
43-013-32412 UTE TRIBAL 3-33-54	14-20-H62-4948
43-013-33888 UTE TRIBAL 3-35D-55	14-20-H62-5053
43-013-33888 UTE TRIBAL 3-35D-55	14-20-H62-4945
43-013-32751 UTE TRIBAL 3-36-55	14-20-H62-4944
43-013-33185 UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270 UTE TRIBAL 4-14D-54	14-20-H62-5033
43-013-32972 UTE TRIBAL 4-19-54	14-20-H62-3528
43-013-32621 UTE TRIBAL 4-20-54	14-20-H62-4919
43-013-33549 UTE TRIBAL 4-20D-55	14-20-H62-5018
43-013-32378 UTE TRIBAL 4-21-54	14-20-H62-3414
43-013-33044 UTE TRIBAL 4-22-55	14-20-H62-4754
43-013-33627 UTE TRIBAL 4-23D-55	14-20-H62-3443
43-013-32573 UTE TRIBAL 4-24-54	14-20-H62-4716
43-013-33726 UTE TRIBAL 4-24D-55	14-20-H62-4749
43-013-32928 UTE TRIBAL 4-25-55	14-20-H62-3537
43-013-33595 UTE TRIBAL 4-26D-54	14-20-H62-4954
43-013-33978 UTE TRIBAL 4-26D-55	14-20-H62-3444
43-013-33797 UTE TRIBAL 4-27D-55	14-20-H62-4753
43-013-32741 UTE TRIBAL 4-28-54	14-20-H62-4740
43-013-33118 UTE TRIBAL 4-28-55	14-20-H62-5019
43-013-32565 UTE TRIBAL 4-29-54	14-20-H62-5036
43-013-31550 UTE TRIBAL 4-30	14-20-H62-4662
43-013-32767 UTE TRIBAL 4-31-54	14-20-H62-4946
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43-013-33379 UTE TRIBAL 4-32-55	14-20-H62-5026
43-013-32871 UTE TRIBAL 4-33-54	14-20-H62-4948
43-013-32357 UTE TRIBAL 4-33-55	14-20-H62-5027
43-013-32188 UTE TRIBAL 4-36	14-20-H62-4944
43-013-31152 UTE TRIBAL 5-13	14-20-H62-4845
43-013-33075 UTE TRIBAL 5-13-54	14-20-H62-4894
43-013-33619 UTE TRIBAL 5-14-54	14-20-H62-5033
43-013-50479 UTE TRIBAL 5-14-55	14-20-H62-5016
43-013-32344 UTE TRIBAL 5-15-55	14-20-H62-5017
43-013-50475 UTE TRIBAL 5-16D-54	14-20-H62-3413
43-013-32204 UTE TRIBAL 5-19	14-20-H62-3528
43-013-31651 UTE TRIBAL 5-20	14-20-H62-4919
43-013-33324 UTE TRIBAL 5-21-54	14-20-H62-3414
43-013-33706 UTE TRIBAL 5-21D-55	14-20-H62-4825
43-013-32624 UTE TRIBAL 5-22-54	14-20-H62-3415

42 012 22527	LITE TRIDAL 5 22 55	14.00 11/0 0440
	UTE TRIBAL 5-23-55	14-20-H62-3443
-	UTE TRIBAL 5-24-55	14-20-H62-4749
	UTE TRIBAL 5-25-56	14-20-H62-5065
	UTE TRIBAL 5-25D-55	14-20-H62-3537
	UTE TRIBAL 5-26-54	14-20-H62-4954
	UTE TRIBAL 5-26-55	14-20-H62-3444
	UTE TRIBAL 5-27-55	14-20-H62-4753
	UTE TRIBAL 5-28	14-20-H62-4740
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	UTE TRIBAL 5-30-54	14-20-H62-4662
	UTE TRIBAL 5-31	14-20-H62-4946
	UTE TRIBAL 5-32-54	14-20-H62-4947
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	UTE TRIBAL 5-35-54	14-20-H62-5053
	UTE TRIBAL 5-36-55	14-20-H62-4944
	UTE TRIBAL 6-14-54	14-20-H62-5033
	UTE TRIBAL 6-14D-55	14-20-H62-5016
	UTE TRIBAL 6-19-54	14-20-H62-3528
43-013-32622	UTE TRIBAL 6-20-54	14-20-H62-4919
43-013-32164	UTE TRIBAL 6-21	14-20-H62-3414
43-013-32163	UTE TRIBAL 6-22	14-20-H62-3415
43-013-33213	UTE TRIBAL 6-22D-55	14-20-H62-4728
43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
43-013-32570	UTE TRIBAL 6-24-54	14-20-H62-4716
43-013-32143	UTE TRIBAL 6-25H	14-20-H62-3537
43-013-33625	UTE TRIBAL 6-26D-54	14-20-H62-4954
43-013-33476	UTE TRIBAL 6-26D-55	14-20-H62-3444
43-013-32892	UTE TRIBAL 6-28D-54	14-20-H62-4740
43-013-33172	UTE TRIBAL 6-29-54	14-20-H62-5036
43-013-33120	UTE TRIBAL 6-29-55	14-20-H62-5020
43-013-32783	UTE TRIBAL 6-30-55	14-20-H62-5059
43-013-33325	UTE TRIBAL 6-31D-54	14-20-H62-4946
	UTE TRIBAL 6-32-55	14-20-H62-5026
43-013-32897	UTE TRIBAL 6-32D-54	14-20-H62-4947
43-013-32872	UTE TRIBAL 6-33-54	14-20-H62-4948
	UTE TRIBAL 6-35D-55	14-20-H62-4945
43-013-32265	UTE TRIBAL 6-36-55	14-20-H62-4944
	UTE TRIBAL 7-14-54	14-20-H62-5033
	UTE TRIBAL 7-14-55	14-20-H62-5016
-	UTE TRIBAL 7-15-55	14-20-H62-5017
	UTE TRIBAL 7-16-54	14-20-H62-3413
	UTE TRIBAL 7-19-55	14-20-H62-5058
	UTE TRIBAL 7-20-55	14-20-H62-5018
	UTE TRIBAL 7-20R-54	14-20-H62-3529
	UTE TRIBAL 7-20-54	14-20-H62-3414
	UTE TRIBAL 7-22-54	14-20-H62-3415
	UTE TRIBAL 7-22D-55	14-20-H62-4754
	UTE TRIBAL 7-22D-33	14-20-H62-3443
43-013-32991		14-20-H62-5064
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	UTE TRIBAL 7-25-56	14-20-H62-5065
	UTE TRIBAL 7-26D-54	14-20-H62-4954
	UTE TRIBAL 7-26D-55	14-20-H62-3444
	UTE TRIBAL 7-27-55	14-20-H62-4753
	UTE TRIBAL 7-28	14-20-H62-4740
	UTE TRIBAL 7-28D-55	14-20-H62-5019
	UTE TRIBAL 7-29-54	14-20-H62-5036
	UTE TRIBAL 7-29D-55	14-20-H62-5020
	UTE TRIBAL 7-30	14-20-H62-4662
	UTE TRIBAL 7-31-54	14-20-H62-4946
	UTE TRIBAL 7-32-54	14-20-H62-4947
	UTE TRIBAL 7-33-54	14-20-H62-4948
	UTE TRIBAL 7-34-55	14-20-H62-5028
	UTE TRIBAL 7-35-54	14-20-H62-5053
	UTE TRIBAL 7-35-55	14-20-H62-4945
	UTE TRIBAL 7-36-55	14-20-H62-4944
	UTE TRIBAL 7I-21-54	14-20-H62-3414
43-013-50488	UTE TRIBAL 8-10D-54	14-20-H62-5517
43-013-33204	UTE TRIBAL 8-14-54	14-20-H62-5033
43-013-50477	UTE TRIBAL 8-15D-55	14-20-H62-5017
43-013-32840	UTE TRIBAL 8-19-54	14-20-H62-3528
43-013-32864	UTE TRIBAL 8-19-55	14-20-H62-5058
43-013-32973	UTE TRIBAL 8-20-54	14-20-H62-3529
43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
43-013-32590	UTE TRIBAL 8-22-54	14-20-H62-3415
43-013-33552	UTE TRIBAL 8-23D-55	14-20-H62-3443
43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
43-013-32780	UTE TRIBAL 8-25-54	14-20-H62-3440
43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
43-013-33682	UTE TRIBAL 8-26D-54	14-20-H62-4954
43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
43-013-34058	UTE TRIBAL 8-27D-55	14-20-H62-4753
43-013-32766	UTE TRIBAL 8-28-54	14-20-H62-4740
43-013-32694	UTE TRIBAL 8-28-55	14-20-H62-5019
43-013-33119	UTE TRIBAL 8-29-55	14-20-H62-5020
43-013-32746	UTE TRIBAL 8-30-54	14-20-H62-4662
43-013-32869	UTE TRIBAL 8-31-54	14-20-H62-4946
43-013-32673	UTE TRIBAL 8-31-55	14-20-H62-5032
43-013-32870	UTE TRIBAL 8-32-54	14-20-Н62-4947
43-013-32421	UTE TRIBAL 8-32-55	14-20-H62-5026
43-013-33089	UTE TRIBAL 8-33-54	14-20-H62-4948
43-013-50436	UTE TRIBAL 8-34D-55	14-20-H62-5028
43-013-32267	UTE TRIBAL 8-35-55	14-20-H62-4945
43-013-32423	UTE TRIBAL 8-36-55	14-20-H62-4944
43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
43-013-33796	UTE TRIBAL 9-14D-54	14-20-H62-5033
<u> </u>	UTE TRIBAL 9-15-55	14-20-H62-5017
	UTE TRIBAL 9-16-54	14-20-H62-3413

to the second of

43-013-32687	UTE TRIBAL 9-17-54	14-20-H62-4731
43-013-32144	UTE TRIBAL 9-18	14-20-H62-4919
	UTE TRIBAL 9-19	14-20-H62-3528
43-013-32379	UTE TRIBAL 9-20-54	14-20-H62-3529
43-013-33675	UTE TRIBAL 9-20D-55	14-20-H62-5018
43-013-33040	UTE TRIBAL 9-21-54	14-20-H62-3414
43-013-32889	UTE TRIBAL 9-22-54	14-20-H62-3415
43-013-32606	UTE TRIBAL 9-22-55	14-20-H62-4754
43-013-32268	UTE TRIBAL 9-24-55	14-20-H62-4749
43-013-32390	UTE TRIBAL 9-25-55	14-20-H62-3537
43-013-32191	UTE TRIBAL 9-26	14-20-H62-4728
43-013-33359	UTE TRIBAL 9-26D-55	14-20-H62-3444
43-013-32388	UTE TRIBAL 9-28-54	14-20-H62-4740
	UTE TRIBAL 9-28D-55	14-20-H62-5019
43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-Н62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

CONFIDENTIAL

	j			ST. RTMENT ON OF		ATURAI	L RESO		3	UIVE	IULIVI	A (highlight	char ESIGN	ATION AND		FORM 8
WELI	COM	IPLET	ION	OR R	RECC	MPL	ETIC	N R	EPOR	TAN	LOG	6.	IF INDIAN	I, ALLC	TTEE OR	TRIBE	NAME
1a. TYPE OF WELL:		·····	LL 🔽		SAS C]	DRY		ОТНЕ			7.	UNIT or C	A AGR	REEMENT	IAME	
b. TYPE OF WORK NEW WELL	: HORIZ LATS] P	EP-]	RE- ENTRY		DIFF. RESVR.		ОТНЕ	ER		8.	8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56				
2. NAME OF OPERA BERRY PI	TOR:											9.	4301		606		
3. ADDRESS OF OP				PHONE NUMBER:									FIELD AN	ID POC	DL, OR WIL	DCAT	•
4000 S. 402			TY RO	OSEV	ELT_	STATE	UT	ZIP 840	066	(43	5) 722-13				NYON	VNSH	IIP, RANGE,
LOCATION OF W AT SURFACE:			SL 750	0' FEL									MERIDI. VESE	4N: 6	5S		W U
AT TOP PRODUC	CING INTER	VAL REPOF	RTED BEL	.ow: N	ESE 2	2027'	FSL 1	234' F	EL						- "		
AT TOTAL DEPT										EU	'L	12	COUNT		٧E	13.	STATE UTAH
14. DATE SPUDDED 5/20/2011): 1	5. DATE T.		HED:	16. DATI	E COMPL			BANDONE	:D []	READY TO PR	ODUCE 🔽		EVATION 1462	ONS (DF, R	KB, F	rt, GL):
18. TOTAL DEPTH:	MD 7,9	930		19. PLUG).: MD	7,796		20. IF M	ULTIPLE CO	OMPLETIONS,	HOW MANY?	* 21. DE	PTH B	E1:	MD TVD	
22. TYPE ELECTRIC			ICAL LOC	3S RUN (S	Submit cor	ov of each	4516	<u> </u>	<u></u>	23.	······································						
22. THE ELECTRIC	ANDOTTIL	IC WILLOT IAIN	C	MM.	Cna	γ D	TSF		(On		L CORED?	N	o 🔽	YES	(s	ubmit	analysis)
ELECTRIC CDN, HI	HU, C	ALIT P, C!	ر ما آر کا	MUE	ン <i>と</i>	7		2, 0	PD_{j}	WAS DST	RUN? NAL SURVEY?	N	• 7	YES YES	<u> </u>		report)
24. CASING AND LI										<u> </u>	· - · · · · · · · · · · · · · · · · · · 						
HOLE SIZE	SIZE/GR	ADE	WEIGHT	(#/ft.)	TOP (MD)	вотто	M (MD)		EMENTER PTH	CEMENT TYP NO. OF SAC		URRY JME (BBL)	CE	MENT TOP	**	AMOUNT PULLED
12.25	9 5/8	K-55	36	3			1,0	1,001			G	480					-
9 5/8	4.5	P11 £	11.	6			7,925							_			
8 3/4	7	N80	26	3	1,0	09	7,9	7,933		G 360		360		_	1562		BY CBL
6 1/8	4.5	P116	11.	6			4,8	865						╁			
														+			
25. TUBING RECOR	n										<u></u>	1		_!			
SIZE	-γ	SET (MD)	PACK	ER SET (M	1D)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)	SIZE		DEPTI	SET (MD)		PACKER SET (MD)
2.875	4.	112															
26. PRODUCING IN	TERVALS								1	27. PERFO	RATION RECO	RD					
FORMATION	NAME	TOP	(MD)	BOTTO	M (MD)	TOP	(TVD)	вотто	vi (TVD)	INTERVA	L (Top/Bot - MD) SIZE	NO. H	DLES	PERI	ORA	TION STATUS
(A) UTELANE	BUTTE	4,9	90	7,7	′19										Open 🗸] s	queezed
(B)		1													Open] s	queezed
(C)		*													Open] 8	queezed
(D)	 	†													Open] 8	queezed
28. ACID, FRACTUR	E, TREATM	ENT, CEME	NT SQUE	EZE, ETC	· · · · · · · · · · · · · · · · · · ·												
· · · · · · · · · · · · · · · · · · ·	NTERVAL		Ι						AMC	UNT AND T	YPE OF MATE	RIAL					
			 														
			 														
29. ENCLOSED ATT	ACHMENTS);	I	_											30. V	ÆLL	STATUS:
	RICAL/MECH			CEMENT	VERIFICA	ATION	듬	GEOLOGI CORE AN	C REPORT		DST REPORT	✓ DIR	ECTIONAL	SURV	EY F	PU	MPING

FEB 1 3 2012

31. INITIAL PRO	DUCTION				INT	ERVAL A (As sho	wn in item #26)				
DATE FIRST PR		TEST DATE:			HOURS TESTER		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER - BBL: 143	PROD. METHOD: GAS PUMPI
1/13/2012		1/30/20				24				WATER - BBL:	INTERVAL STATUS:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	6. API GRAV	ITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL - BBL:	GAS MCF:	WATER - BBL.	PRODUCING
					INT	ERVAL B (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:	TEST DATE:				TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	S. API GRAV	ITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS - MCF:	WATER BBL:	INTERVAL STATUS:
					INT	ERVAL C (As sho	wn in item #26)				
DATE FIRST PRODUCED: TEST DATE:				HOURS TESTED	D:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER BBL:	PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	B. API GRAV	ITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	<u> </u>				INT	ERVAL D (As show	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:	• . • • • •		HOURS TESTED		TEST PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	S. API GRAV	ITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	N OIL – BBL:	GAS MCF:	WATER - BBL:	INTERVAL STATUS:
tested, cushion u	DF POROUS ZO nt zones of poros sed, time tool op	NES (Include A	quifers): thereof: Cored i		ecoveries.	tests, including de	pth interval	34. FORMATION	(Log) MARKERS:		Тор
Formatio		(MD)	(MD)		Document			GR (FAUS MAHOGAN TGR3 DOUGLAS BLACK SH CASTLE P UTELAND WASATCH	CH MARKE NY CREEK BALE PEAK		392 1,350 2,426 3,218 3,932 4,180 5,703 4,733
35. ADDITIONAL	·			TIDO	IONAL INF	FORMATIO	N.	_		.	
							from all available rec	ords.			
	,	J J			,						

NAME (PLEASE PRINT)_BROOKE KENNEDY

REGULATORY ASSISTANT TITLE

1/30/2012 DATE

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well significantly deepening an existing well bore below the previous bottom-hole depth
 - drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests
- * ITEM 20: Show the number of completions if production is measured separately from two or more formations.
- ** ITEM 24: Cement Top Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Berry Petroleum LC Tribal 12H-6-56 43-013-33606 Frac Stages

Stage 1: 7819 – Uteland Butte: Frac with 151,830 #'s sand & 2572 bbls fluid Stage 2: 7626 – Uteland Butte: Frac with 151,550 #'s sand & 2278 bbls fluid Stage 3: 7343 – Uteland Butte: Frac with 150,330 #'s sand & 2230 bbls fluid Stage 4: 7150 – Uteland Butte: Frac with 147,410 #'s sand & 2091 bbls fluid Stage 5: 6954 – Uteland Butte: Frac with 110,770 #'s sand & 2195 bbls fluid Stage 6: 6712 – Uteland Butte: Frac with 150,930 #'s sand & 2445 bbls fluid Stage 7: 6512 – Uteland Butte: Frac with 151,200 #'s sand & 2293 bbls fluid Stage 8: 6313 – Uteland Butte: Frac with 150,000 #'s sand & 2293 bbls fluid Stage 9: 6076 – Uteland Butte: Frac with 155,040 #'s sand & 2360 bbls fluid Stage 10: 5880 – Uteland Butte: Frac with 151,240 #'s sand & 2234 bbls fluid Stage 11: 5869 – Uteland Butte: Frac with 150,020 #'s sand & 2244 bbls fluid Stage 12: 5493 – Uteland Butte: Frac with 155,100 #'s sand & 2210 bbls fluid Stage 13: 5292 – Uteland Butte: Frac with 138,420 #'s sand & 2190 bbls fluid Stage 14: 5094 – Uteland Butte: Frac with 138,420 #'s sand & 2262 bbls fluid



Preliminary Frac Point Space-Out Drawing Berry Petroleum LCT 12H-6-56

43-013-33606

Baker Oil Tools

Casing Information								
7" 26 lb/ft N-80								
Burst=	7,240	psi						
Collapse=	5.410	psi						
Capacity=	0.03830	bbls/ft						

Liner Information									
4W" 11.6 lb/ft P-110 LTC									
Burst=	10,690	psi							
Collapse=	7,580	psi							
Capacity=	0.01554	bbls/ft							

3.500" Sieeve	82.24
3.375" Sleeve	82.24
3.250" Sleeve	85.35
3,125" Sleeve	88.41
3,00" Sleeve	91.37
2.875" Sieeve	94.42
2.75" Sleeve	98.11
2.625" Sieeve	101.1
2,50" Sleeve	104.3

Displacements

Liner Top

Displacements	(BBLS)	(GALS
2.375" Sleeve	108.07	4,539
2.25" Sleeve	111.11	4,667
2.125" Sleeve	118.51	4,977
1.875" Sleeve	121,51	5,103

L	Length of Zone (FT)								
Stage 1	211.21	Stage 8	201.15						
Stage 2	236.60	Stage 9	232.86						
Stage 3	234.23	Stage 10	192.42						
Stage 4	201.07	Stage 11	194.58						
Stage 5	192.77	Stage 12	200.67						
Stage 6	244.94	Stage 13	198.03						
Stage 7	197.54	Stage 14	201.09						

ZXP Liner Top Packer 4,865.78

> Casing Shoe 4,933.00

KOP 4,125.00

Dimensional Information							
Component	OD	ID	dim				
ZXP-HMC	5,900	3,875	in				
RE Packer	5.625	3.813	in				
Sleeves	5.630	Ball Seet	0.775				

(BBLS)

75,61

(GALS)

3,176 3,454

3,454 3,585 3,713 3,837 3,966 4,121 4,250 4,381

> TD 7,930.00 Float Shoe Float Collar 7,869.79 7,915.00

Pkr #14 4,990.84 Packer #13 5,191.93

Packer #12 5,389.96

Packer#11 5,590.63

Packer #10 5,785.21

Packer #9 5,977,63

Packer #8 6,210.49 Packer #7 6,411,64 Packer#6 6,609.18

Packer #5 6,854.12

Packer #4 7,046.89

Packer #3 7,247.96

Packer #2 Packer #1 7,482.19

7,718.79

Frac-Point

1/19

1

A Managaman Stage 12 Stage 11

Stage 14 Stage 13 3.500" Sleeve 3.375" Steeve 3.400" ID 3.275" ID 5,093.85 5,292.35

3.250" Sleeve 3.150° ID 5,492,56

3.125" Sleeve 3.025" ID 5,689.24

2.900" IO 5,879,54

Stage 10

Stage 9 3.00" Sleeve 2.875" Sleeve 2.775" ID 6,075.75

Stage 8 2.75" Steeve 2.625" Steeve 2.650" ID 2.525° ID 6,313.49 5,511.82

Stage 7

Stage 6 Stage 5 2.50" Sleeve 2.375" Sleeve 2.25" Sleeve 2.400° ID 2.275" ID 6,954.32 6,712.28

Stage 4 2.150" ID 7.149.77

Stage 3 2.125" Sleeve 2.025* ID 7.343.41

Stage 2 Stage 1 2.00" Steeve 1.875" Steeve 1.775" ID 1,900" ID 7,625.85 7,818,98

7.5.1-1F4 Frac-Point Space Out Diagram Rev.061109



JOB NO.:	03328-432-22	Report Time:	2400	1 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	3
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	NO
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 11, 2011 at 0000 to Friday, November 11, 2011 at 2400

DRILLING SUMMARY						as a contract		Drill	ling P	arar	neters	3	
Start Depth		0.00	Rotary	Hours	0.00	WOB	0	Pick UP		0	Slack Of	f	0 SPM
End Depth		0.00	Circula	ting Hours	0.00	RAB	0	SPP		0	FlowRate	0-0	0
Total Drilled:		0.00	Avg. To	tal ROP:	NA				Mud	Dat	a	<u> </u>	
Total Rotary Drilled	l:	0.00	Avg. Ro	tary ROP:	NA	Туре				PV	0	SOLID	0
Total Drilled Sliding	g:	0.00	Avg. SI	ide ROP:	NA	Weight	0	GAS	0	ΥP	1 -	внт∘	0
Slide Hours:		0.00	Percen	t Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.		0.00	Percen	Slide:	NA	Chlorides	0	WL	0			Oil %	0
	PER	SON	NEL				CAS	SING				BHA	\
Lead Directional :		KEN 7	HIBODEA	\UX		Size	Lb/	ft S	Set Dep	th	N/A		
Second Directional	:	DARI	I FOX										
MWD Operator1		JARE	CONVE	RSE									
MWD Operator2		NATH	AN DERO	SE						ļ			
Directional Compar	ny:	GREA	T WHITE							L			
Geologist:						Signature:							
Company Man:		GEOF	RGE URBA	۸N]							
Incl. In: 0	Azm.	ln:	0	Incl. Out:	0	Azm. Out:	0						

Date	Start Time	End Time	Hours	Start Depth	Depth	Activity Code	COMMENT
11-Nov-11	00:00	24:00	24.00	0	0	Standby	STBY



JOB NO.:	03328-432-22	Report Time:	2400	2 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, November 12, 2011 at 0000 to Saturday, November 12, 2011 at 2400

DRILLING SUMMARY							Drill	ing P	arar	neters	S	¥4
Start Depth	0.00	Rotary	Hours	0.00	WOB	0	Pick UP		0 5	Slack Of	ff	0 SPM
End Depth	0.00	Circula	ting Hours	0.00	RAB	0	SPP		0 F	lowRat	e 0-0	0
Total Drilled:	0.00	Avg. To	tal ROP:	NA				Mud	l Dat	а		
Total Rotary Drilled:	0.00	Avg. R	otary ROP:	NA	Туре				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. SI	ide ROP:	NA	Weight	0	GAS	0	ΥP		внт°	0
Slide Hours:	0.00	Percen	t Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percen	t Slide:	NA	Chlorides	0	WL	0			Oil %	0
P	ERSON	NEL			CASING BHA					<u> </u>		
Lead Directional :	KEN T	HIBODE	AUX		Size	Lb/	ft S	et Dep	th l	V/A		
Second Directional :												
MWD Operator1	JAREI	CONVE	RSE									
MWD Operator2												
Directional Company:	GREA	T WHITE							L			
Geologist:					Signature:							
Company Man:	KIM G	RITZ										
Incl. In: 0 Az	m. ln:	0	Incl. Out:	0	Azm. Out:	0					-	

	t End	Hours	Start Depth	End Depth	Activity Code	
12-Nov-11 00: 0	0 24:00	24.00	0	0	Standby	Standby

		_	_	
Λ	-4	_1		-4
<i>I</i> 3	<u>, II (</u>	لما	LÆ	

JOB NO.:	03328-432-22	Report Time:	2400	3 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-2260	06
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Sunday, November 13, 2011 at 0000 to Sunday, November 13, 2011 at 2400

DRIL	LING SU	MMAR	Υ				Dril	ling P	arar	neter	'S	
Start Depth	0.00	Rotary	Hours	0.00	WOB	0	Pick UP	•	0	Slack O	off	0 SPM
End Depth	0.00	Circula	ting Hours	0.00	RAB	0	SPP		0 1	FlowRa	te 0-0	0
Total Drilled:	0.00	Avg. To	tal ROP:	NA				Mud	Dat	a		
Total Rotary Drilled:	0.00	Avg. Ro	otary ROP:	NA	Туре				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. SI	ide ROP:	NA	Weight	0	GAS	0	ΥP	0	ВНТ°	0
Slide Hours:	0.00	Percen	t Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percen	t Slide:	NA	Chlorides	0	WL	0			Oil %	0
	PERSON	NEL				CAS	SING				вн	A
Lead Directional :	KEN T	THIBODEA	AUX		Size	Lb/	ft S	Set Dept	th_	N/A	-	
Second Directional :												
MWD Operator1	JARE	D CONVE	RSE									
MWD Operator2												
Directional Company:	GREA	T WHITE							L			·-
Geologist:					Signature:							
Company Man:	КІМ С	RITZ]							
Incl. In: 0	zm. ln:	0	Incl. Out:	0	Azm. Out:	0						

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code		COMMENT
13-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby	

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JOB NO.:	03328-432-22	Report Time:	2400	4 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 14, 2011 at 0000 to Monday, November 14, 2011 at 2400

DRIL	LING SU	MMARY	1				Dril	ling F	arar	neters	3	
Start Depth	0.00	Rotary F	lours	0.00	WOB	0	Pick UP		0 5	Slack Of	f	O SPM
End Depth	0.00	Circulat	ing Hours	0.00	RAB	0	SPP		0 F	lowRate	0-0	0
Total Drilled:	0.00	Avg. To	tal ROP:	NA				Muc	d Dat	а		
Total Rotary Drilled:	0.00	Avg. Ro	tary ROP:	NA	Туре				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Sli	de ROP:	NA	Weight	0	GAS	0	YP	0	внт°	0
Slide Hours:	0.00	Percent	Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent	Slide:	NA	Chlorides	0	WL	0			Oil %	0
·	PERSON	NEL				CAS	ING				BHA	
Lead Directional :	KEN	THIBODEAL	JX		Size	Lb/f	t S	Set Dep	oth [N/A		
Second Directional :												
MWD Operator1	JARE	D CONVER	RSE									
MWD Operator2												
Directional Company:	GREA	T WHITE	·						L			***************************************
Geologist:					Signature	:						
Company Man:	KIM G	RITZ										
Incl. In: 0 A	zm. In:	0	Incl. Out:	0	Azm. Out	: 0						

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Nov-11	00:00	24:00	24.00	0	Ö	Other	Other(DRLG.SURFACE

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JOB NO.:	03328-432-22	Report Time:	2400	5 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Tuesday, November 15, 2011 at 0000 to Tuesday, November 15, 2011 at 2400

DRIL	LING SU	MMAR	Y		Drilling Parameters									
Start Depth	0.00	Rotary	Hours	0.00	WOB		0	Pick UF	•	0	Slack Of	if	0	SPM
End Depth	0.00	Circulat	ing Hours	0.00	RAB		0	SPP		0	FlowRat	e 0-0		0
Total Drilled:	0.00	Avg. To	tal ROP:	NA			m . de d		Mud	Da	ta			
Total Rotary Drilled:	0.00	Avg. Ro	tary ROP:	NA	Туре					PV	0	SOLID		0
Total Drilled Sliding:	0.00	Avg. Sli	de ROP:	NA	Weigh	t	0	GAS	0	ΥP		внт°		0
Slide Hours:	0.00	Percent	Rotary:	NA	Viscos	sity	0	SAND	0	PH	0	Flow T°		0
Below Rotary Hrs.	24.00	Percent	Slide:	NA	Chloric	des	0	WL	0			Oil %		0
	PERSON	NEL			CASING						ВН	Α		
Lead Directional :	KEN	THIBODEA	UX		Siz	ze	Lb/f	t S	Set Dep	th	N/A			
Second Directional :														
MWD Operator1	JARE	D CONVE	RSE											
MWD Operator2														
Directional Company:	GREA	T WHITE]					Ĺ				
Geologist:					Signa	ature:								
Company Man:	KIM G	RITZ												
Incl. In: 0 A	Azm. In:	0	Incl. Out:	0	Azm	. Out:	0							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code		COMMENT	
15-Nov-11	00:00	24:00	24.00	0	0	Other	Other(surface)		

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JOB NO.:	03328-432-22	Report Time:	2400	6 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	; ;
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	DN
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Wednesday, November 16, 2011 at 0000 to Wednesday, November 16, 2011 at 2400

	D	RILLIN	G SU	MMAR	Υ					Dri	lling P	araı	meter	S		
Start Depti	h		0.00	Rotary	Hours	0.00	WOB		0 1	Pick UI	Р	0	Slack O	ff	0	SPM
End Depth			0.00	Circula	ting Hours	0.00	RAB		0 ;	SPP_		0	FlowRat	t e 0-	0	0
Total Drille	ed:		0.00	Avg. To	tal ROP:	NA	Mud Data						<u> </u>			
Total Rota	ry Drille	d:	0.00	Avg. Ro	tary ROP:	NA	Туре				-	PV	0	SOLID		0
Total Drille	d Slidin	ıg:	0.00	Avg. SI	ide ROP:	NA	Weight		0	GAS	0	ΥP	0	внт°		0
Slide Hour	s:		0.00	Percent	t Rotary:	NA	Viscosit	у	0	SAND	0	PH	0	Flow T	٥ .	0
Below Rot	ary Hrs.		0.00	Percent	t Slide:	NA	Chloride	es	0	WL	0			Oil %		0
		PER	SON	NEL					CAS	ING				В	HA	
Lead Direc	ctional :		KEN T	HIBODEA	\UX		Size)	Lb/ft		Set Dep	th	N/A			
Second Di	rectiona	ıl :														
MWD Ope	rator1		JAREI	D CONVE	RSE											
MWD Ope	rator2															
Directiona	l Compa	any:	GREA	T WHITE								L				
Geologist	: Signature:															
Company Man: KIM GRITZ									_							
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm.	Out:	0							
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Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

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JOB NO.:	03328-432-22	Report Time:	2400	7 of 23
Company:	Berry Petroleum CO.	API JOB#	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	I
STATE:	UTAH	Township:	5 S	· · · · · · · · · · · · · · · · · · ·
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, November 17, 2011 at 0000 to Thursday, November 17, 2011 at 2400

	DR	ILLIN	G SU	MMAR	Y					Dri	lling	Para	meter	S		
Start Depti	1		0.00	Rotary	Hours	0.00	WOB		0	Pick U	Р	0	Slack O	ff	0	SPM
End Depth			0.00	Circulat	ing Hours	0.00	RAB		0	SPP		C	FlowRa	e 0-0		0
Total Drille	ed:		0.00	Avg. To	tal ROP:	NA	Mud Data									
Total Rota	ry Drilled	:	0.00	Avg. Ro	tary ROP:	NA	Туре					P۱	0	SOLID		0
Total Drille	ed Sliding	ı:	0.00	Avg. Sli	de ROP:	NA	Weight		0	GAS	0	YF	0	BHT°		0
Slide Hour	s:		0.00	Percent	Rotary:	NA	Viscosi	ty	0	SANI	0	PH	i 0	Flow T°		0
Below Rot	ary Hrs.		0.00	Percent	Slide:	NA	Chlorid	es	0	WL	0			Oil %		0
		PER	SON	NEL					CAS	ING				ВН	IA	
Lead Direc	tional :		KEN T	HIBODEA	UX		Siz	е	Lb/f	t	Set D	epth	N/A			
Second Di	rectional	:														
MWD Oper	rator1		JARE	D CONVE	RSE]									
MWD Ope	rator2						_									
Directiona	l Compar	ıy:	GREA	T WHITE												
Geologist:							Signa	ture:								
Company	Man:		KIM G	RITZ												
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm.	Out:	0							
				-		CEN	EDAL	COM	MENT							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

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JOB NO.:	03328-432-22	Report Time:	2400	8 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 18, 2011 at 0000 to Friday, November 18, 2011 at 2400

DRIL	LING SU	MMAR'	Υ				Drill	ing P	arar	neters	3		
Start Depth	0.00	Rotary I	Hours	0.00	WOB	0	Pick UP		0 5	Slack Of	f	0	SPM
End Depth	0.00	Circulat	ing Hours	0.00	RAB	0	SPP		0 F	lowRate	0-0		0
Total Drilled:	0.00	Avg. To	tal ROP:	NA				Mud	Dat	а			
Total Rotary Drilled:	0.00	Avg. Ro	tary ROP:	NA	Туре				PV	0	SOLID		0
Total Drilled Sliding:	0.00	Avg. Sli	de ROP:	NA	Weight	0	GAS	0	ΥP		внт°		0
Slide Hours:	0.00	Percent	Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°		0
Below Rotary Hrs.	24.00	Percent	Slide:	NA	Chlorides	0	WL	0			Oil %		0
	PERSON	NEL				CAS	SING				BHA	1	
Lead Directional :	KEN 7	HIBODEA	UX		Size	Lb/	ft S	et Dep	th /	V/A			
Second Directional :													
MWD Operator1	JARE	D CONVER	RSE										
MWD Operator2													
Directional Company:	GREA	T WHITE							L	<u>.</u>			
Geologist:					Signature:								
Company Man:	KIM G	RITZ	<u></u>	<u> </u>]								
Incl. In: 0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

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JOB NO.:	03328-432-22	Report Time:	2400	9 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-2260	06
LOCATION:	LAKE CANYON	WORK ORDER#		·
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, November 19, 2011 at 0000 to Saturday, November 19, 2011 at 2400

DRIL	DRILLING SUMMARY						Dr	illing	Para	meter	S		
Start Depth	0.00	Rotary	Hours	0.00	WOB	0	Pick l	JP	(Slack O	ff	0	SPM
End Depth	0.00	Circula	ting Hours	0.00	RAB	0	SPP		(FlowRat	i e 0-0		0
Total Drilled:	0.00	Avg. To	tal ROP:	NA				M	ud Da	ata			
Total Rotary Drilled:	0.00	Avg. Ro	otary ROP:	NA	Туре	-			P۱	/ 0	SOLID		0
Total Drilled Sliding:	0.00	Avg. Sl	ide ROP:	NA	Weight	0	GAS	0	YI	0	BHT°		0
Slide Hours:	0.00	Percent	t Rotary:	NA	Viscosity	0	SAN	D 0	Pl	-1 0	Flow T°		0
Below Rotary Hrs.	24.00	Percen	t Slide:	NA	Chlorides	0	WL	. 0			Oil %		0
PERSONNEL						CAS	SING				BHA	4	
Lead Directional :	KEN .	THIBODEA	AUX		Size	Lb/	ft	Set D	epth	N/A			
Second Directional :						-							
MWD Operator1	JARE	D CONVE	RSE										
MWD Operator2													
Directional Company:	GREA	T WHITE								L			
Geologist:				-	Signature	:							
Company Man:	KIM	BRITZ											
Incl. In: 0	Azm. In:	0	Incl. Out:	0	Azm. Out	: 0							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)



JOB NO.:	03328-432-22	Report Time:	2400	10 of 23
Company:	Berry Petroleum CO.	API JOB#	43-013-2260	06
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56	 	· · · · · ·	

From Sunday, November 20, 2011 at 0000 to Sunday, November 20, 2011 at 2400

D	RILLIN	G SU	MMAR	Υ					Dri	lling P	ara	meters	3		
Start Depth		0.00	Rotary	Hours	0.00	WOB		0	Pick U	P	0	Slack Of	f	0	SPM
End Depth		0.00	Circula	ting Hours	0.00	RAB		0	SPP		0	FlowRate	0-0		0
Total Drilled:		0.00	Avg. To	otal ROP:	NA					Mud	Da	ta	·		
Total Rotary Drille	ed:	0.00	Avg. R	otary ROP:	NA	Туре					PV	0	SOLID		0
Total Drilled Slidir	ng:	0.00	Avg. SI	ide ROP:	NA	Weight		0	GAS	0	ΥP		внт°		0
Slide Hours:		0.00	Percen	t Rotary:	NA	Viscosit	у	0	SANI	0	PH	0	Flow T°		0
Below Rotary Hrs.		24.00	Percen	t Slide:	NA	Chloride	s	0	WL	0			Oil %		0
PERSONNEL								CAS	ING				ВН	Α	
Lead Directional :		KEN 7	THIBODE	AUX		Size		Lb/f	t	Set Dep	th	N/A			
Second Direction	al:								_						
MWD Operator1		JARE	D CONVE	RSE											
MWD Operator2															
Directional Comp	any:	GREA	T WHITE								L				
Geologist:						Signatu	ıre:								
Company Man:	-	кім с	RITZ		<u> </u>										
incl. in: 0	Azm.	ln:	0	Incl. Out:	0	Azm. 0	Out:	0							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

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JOB NO.:	03328-432-22	Report Time:	2400	11 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 21, 2011 at 0000 to Monday, November 21, 2011 at 2400

DRIL	DRILLING SUMMARY						Dril	ling P	arar	neter	S		
Start Depth	0.00	Rotary	Hours	0.00	WOB	0	Pick UF	·	0	Slack C	ff	0	SPM
End Depth	0.00	Circulat	ting Hours	0.00	RAB	RAB 0 SPP 0			0 1	FlowRate 0-0			0
Total Drilled:	0.00	Avg. To	tal ROP:	NA	Mud Da					a			3 H 3 H
Total Rotary Drilled:	0.00	Avg. Ro	tary ROP:	NA	Туре		-		PV	0	SOLID		0
Total Drilled Sliding:	0.00	Avg. Sl	ide ROP:	NA	Weight	0	GAS	0	ΥP	0	BHT°		0
Slide Hours:	0.00	Percent	Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°		0
Below Rotary Hrs.	24.00	Percent	Slide:	NA	Chlorides	0	WL	0			Oil %		0
	PERSONNEL					CAS	ING				BH	Α	
Lead Directional :	KEN .	THIBODEA	UX		Size	Lb/f	t :	Set Dep	th	N/A			
Second Directional :	Darin	Fox											
MWD Operator1	JARE	D CONVE	RSE										
MWD Operator2													
Directional Company:	GREA	T WHITE							L				
Geologist:			<u>. </u>		Signature	e:							
Company Man:	Georg	je Urban]								
Incl. In: 0	Azm. In:	0	Incl. Out:	0	Azm. Ou	ı t: 0							

Date	Start Time		Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

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JOB NO.:	03328-432-22	Report Time:	2400	12 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Tuesday, November 22, 2011 at 0000 to Tuesday, November 22, 2011 at 2400

DRIL	LING SU	MMAR	Υ				Drill	ling P	arar	neters	<u> </u>		
Start Depth	0.00	Rotary	Hours	0.00	WOB	0 F	Pick UP		0 Slack Off		f	0	SPM
End Depth	0.00	Circula	ting Hours	0.00	RAB	0 5	SPP		0	FlowRate	e 0-0		0
Total Drilled:	0.00	Avg. To	otal ROP:	NA	Mu				Dat	a			
Total Rotary Drilled:	0.00	Avg. R	otary ROP:	NA	Туре				PV	0	SOLID		0
Total Drilled Sliding:	0.00	Avg. SI	ide ROP:	NA	Weight	0	GAS	0	ΥP		внт°		0
Slide Hours:	0.00	Percen	t Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°		0
Below Rotary Hrs. 24.00 Percent Slide: N.				NA	Chlorides	0	WL	0			Oil %		0
	PERSON	NEL				CASI	NG				BHA	1	
Lead Directional :	KEN	THIBODE/	AUX		Size	Lb/ft	9	Set Dep	th l	N/A			
Second Directional :	Darin	Fox											
MWD Operator1	JARE	D CONVE	RSE										
MWD Operator2													
Directional Company:	GREA	T WHITE							L		<u></u>		
Geologist:					Signature:								
Company Man:	Company Man: George Urban				I		_						
Incl. In: 0 A	0 Azm. In: 0 Incl. Out: 0			Azm. Out:	0								

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Nov-11	00:00	24:00	24.00	0	0	Other	Other(LOGGING & CEMENTING)

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JOB NO.:	03328-432-22	Report Time:	2400	13 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56		_	

From Wednesday, November 23, 2011 at 0000 to Wednesday, November 23, 2011 at 2400

DRI	LLINC	3 SU	MMAR'	Y					Dril	ling P	arar	neters			
Start Depth		0.00	Rotary I	Hours	0.00	WOB		0	Pick UF	•	0	Slack Of	f	0	SPM
End Depth		0.00	Circulat	ing Hours	0.00	RAB		0 SPP (0	FlowRat	e 0-0		0
Total Drilled:		0.00	Avg. To	tal ROP:	NA	Mud Data									
Total Rotary Drilled:		0.00	Avg. Ro	tary ROP:	NA	Туре					PV	0	SOLID		0
Total Drilled Sliding:		0.00	Avg. Sli	de ROP:	NA	Weight		0	GAS	0	ΥP		BHT°		0
Slide Hours:		0.00	Percent	Rotary:	NA	Viscosity	7 (0	SAND	0	PH	0	Flow T°		0
Below Rotary Hrs.		0.00	Percent	Slide:	NA	NA Chlorides 0 WL 0 Oil %						0			
	PER	SON	NEL				CASING BHA								
Lead Directional :		KEN T	HIBODEA	UX		Size		Lb/f	t S	Set Dep	th	N/A			
Second Directional :	:	Darin I	Fox												
MWD Operator1		JAREI	CONVE	RSE											
MWD Operator2															
Directional Company	y:	GREA	T WHITE								L				
Geologist:					Signature:										
Company Man: George Urban								_							
Incl. In: 0	Azm.	ln:	0	Incl. Out:	0	Azm. C	ut:	0							

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT			
23-Nov-11	00:00	24:00	24.00	0	0	Standby	Cement/logging etc			



JOB NO.:	03328-432-22	Report Time:	2400	14 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-2260	6
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	NCNC
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, November 24, 2011 at 0000 to Thursday, November 24, 2011 at 2400

DRIL	LING SU	MMAF	RY		1		Dril	ling P	arar	neter	S	
Start Depth	0.00	Rotary	Hours	0.00	WOB	0	Pick UF	•	0 5	Slack O	ff	0 SPM
End Depth	0.00	Circula	ting Hours	0.75	RAB	RAB 0 SPP 0			0 F	IowRa	te 0-0	0
Total Drilled:	0.00	Avg. T	otal ROP:	NA				Mud	Dat	а		
Total Rotary Drilled:	0.00	Avg. R	otary ROP:	NA	Туре				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. S	lide ROP:	NA	Weight	0	GAS	0	ΥP	0	внт°	0
Slide Hours:	0.00	Percer	t Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	18.75	Percen	t Slide:	NA	Chlorides	0	WL	0			Oil %	0
	PERSON	NEL				CASING BHA					Δ	
Lead Directional :	KEN ⁻	THIBODE.	AUX		Size	Size Lb/ft Set Depth				BHA # 1:Bit fdx55m, Motor 7/8 5.7, TC - nmdc, Gap sub, NMDC, X/O XH/st39, DP		
Second Directional :	Darin	Fox							1	10std's 20jts, HWDP 25std's 50jts, DP 47 its 23 + 1 std's, , ,		
MWD Operator1	JARE	D CONVE	RSE]],	13 ZU T 1	ata 3, , ,	
MWD Operator2												
Directional Company:	Great	White Dir	ectional Service	s, LLC					L			
Geologist:					Signature	:						
Company Man:	ompany Man: George Ur			orge Urban								
Incl. in: 0	Azm. In:	0	Incl. Out:	0	Azm. Out	: 0						

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Nov-11	00:00	06:00	6.00	3851	3851	Standby	drlg cement
24-Nov-11	06:00	13:00	7.00	3851	3851	Other	Other(drlg cement)
24-Nov-11	13:00	19:45	6.75	3851	3851	РООН	POOH strap out
24-Nov-11	19:00	19:45	0.75	3851	3851	Change BHA	Change BHA
24-Nov-11	19:45	20:30	0.75	3851	3851	MWD Survey	P/U MWD, program, shallow hole test, DCO
24-Nov-11	20:30	24:00	3.50	3851	3851	TIH	TIH



JOB NO.:	03328-432-22	Report Time:	2400	15 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-2260	06
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 25, 2011 at 0000 to Friday, November 25, 2011 at 2400

	D	RILLIN	G SU	MMAR	Y					D	rilli	ng P	araı	neter	S		
Start Depth	ì	38	51.00	Rotary	Hours	3.08	WOB		0	Pick	UP		0	Slack O	ff	0	SPM
End Depth		43	89.00	Circula	ting Hours	0.17	RAB	B 0 SPP 1800			800	FlowRate 0 - 400		0	120		
Total Drille	d:	5	38.00	Avg. To	tal ROP:	40.35						Mud	Dat	ta		_	
Total Rotar	y Drille	d: 2	25.00	Avg. Ro	tary ROP:	72.97	Туре						PV	0	SOLID		0
Total Drille	d Slidin	g : 3	13.00	Avg. Sli	ide ROP:	30.54	Weigh	nt	0	GA	S	0	ΥP	0	внт°		0
Slide Hours	s:		10.25	Percent	Rotary:	41.82	Visco	sity	0	SAI	ND	0	PH	0	Flow T°		0
Below Rota	ary Hrs.		24.00	Percent	Slide:	58.18	Chlor	ides	0	W	L	0			Oil %		0
		PER	SON	NEL				CASING BHA									
Lead Direc	tional :		KEN T	HIBODEA	/UX		Si	ize	Lb/1	ft	Se	et Dep					7/8 5.7, TC - XH/st39, DP
Second Dir	rectiona	d:	Darin	Fox										10std's 20 its 23 + 1		25std's	50jts, DP 47
MWD Oper	ator1		JAREI	CONVE	RSE									110 20 + 1	sia 3, , ,		
MWD Oper	ator2	-															
Directional Company: Great White Directional Services, LLC					es, LLC							L					
Geologist:						Sign	ature:										
Company I	Company Man: Geor			George Urban													
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azn	n. Out:	0								

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT			
25-Nov-11	00:00	01:40	1.67	3851	3851	Other	Other(T.I.H.)			
25-Nov-11	01:40	01:45	0.08	3851	3851	Other	Other(CHECK SHOT)			
25-Nov-11	01:45	02:10	0.42	3851	3885	Drilling	Other			
25-Nov-11	02:10	03:15	1.08	3885	3910	Sliding	SLIDING			
25-Nov-11	03:15	10:45	7.50	3910	3910	Other	Other(H2S ALARM)			
25-Nov-11	10:45	11:20	0.58	3910	3949	Drilling	Drilling - (WOB:0;GPM:0;RPM:0)			
25-Nov-11	11:20	11:55	0.58	3949	3982	Drilling	Drilling - (WOB:0;GPM:0;RPM:0)			
25-Nov-11	11:55	12:00	0.08	3982	3982	Survey & Conn.	Survey & Conn.			
25-Nov-11	12:00	13:10	1.17	3982	4078	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)			
25-Nov-11	13:10	13:15	0.08	4078	4078	Survey & Conn.	Survey & Conn.			
25-Nov-11	13:15	14:15	1.00	4078	4092	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)			
25-Nov-11	14:15	14:25	0.17	4092	4110	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)			
25-Nov-11	14:25	14:30	0.08	4110	4110	MWD Survey	MWD Survey			
25-Nov-11	14:30	14:45	0.25	4110	4110	Other	Other(CONNECTION)			
25-Nov-11	14:45	15:55	1.17	4110	4143	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)			
25-Nov-11	15:55	16:00	0.08	4143	4143	MWD Survey	MWD Survey			
25-Nov-11	16:00	16:05	0.08	4143	4143	Other	Other(CONNECTION)			

Daily Report for JOB#: 03328-432-22 - Page 1 of 2

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Nov-11	16:05	16:50	0.75	4143	4176	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	16:50	16:55	0.08	4176	4176	Survey & Conn.	Survey & Conn.
25-Nov-11	16:55	17:40	0.75	4176	4203	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	17:40	17:50	0.17	4203	4208	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
25-Nov-11	17:50	17:55	0.08	4208	4208	Survey & Conn.	Survey & Conn.
25-Nov-11	17:55	18:45	0.83	4208	4240	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
25-Nov-11	18:45	19:00	0.25	4240	4240	Survey & Conn.	Survey & Conn.
25-Nov-11	19:00	19:55	0.92	4240	4273	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
25-Nov-11	19:55	20:00	0.08	4273	4273	Survey & Conn.	Survey & Conn.
25-Nov-11	20:00	21:00	1.00	4273	4305	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	21:00	21:05	0.08	4305	4305	Survey & Conn.	Survey & Conn.
25-Nov-11	21:05	22:05	1.00	4305	4338	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	22:05	22:10	0.08	4338	4338	Survey & Conn.	Survey & Conn.
25-Nov-11	22:10	23:15	1.08	4338	4370	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	23:15	23:20	0.08	4370	4370	Survey & Conn.	Survey & Conn.
25-Nov-11	23:20	24:00	0.67	4370	4389	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)



JOB NO.:	03328-432-22	Report Time:	2400	16 of 23		
Company:	Berry Petroleum CO.	API JOB #	43-013-22606			
LOCATION:	LAKE CANYON	WORK ORDER#				
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON			
STATE:	UTAH	Township:	5 S			
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W		
WELL NAME:	LC 12H-6-56					

From Saturday, November 26, 2011 at 0000 to Saturday, November 26, 2011 at 2400

	D	RILLIN	G SU	MMAR	Υ			er er er er er er er er er er er er er e	D	rilli	ng P	ara	meter	S	
Start Depth	1	43	89.00	Rotary	Hours	2.58	WOB	15	Pick	UP	11	1000	Slack O	ff 98000	SPM
End Depth		49	51.00	Circula	ting Hours	0.83	RAB	103000	SPP		1	2400	FlowRat	400 - 480	160
Total Drille	d:	5	62.00	Avg. To	otal ROP:	30.24					Mud	Da	ta		
Total Rota	ry Drille	d: 1	07.00	Avg. Ro	otary ROP:	41.42	Type dap					PV	23	SOLID	6.4
Total Drille	d Slidin	g: 4	55.00	Avg. SI	ide ROP:	28.44	Weight	9.3	GA	s	0	ΥP		внт°	117.5
Slide Hours	s:		16.00	Percen	t Rotary:	19.04	Viscosity	51	SAI	ND	0.5	PH	11	Flow T°	104
Below Rota	Below Rotary Hrs. 21.83 P				t Slide:	80.96	Chlorides	1000	w	L	10			Oil %	0
		PER	SON	NEL				CAS	SING					ВНА	
Lead Direc	tional :		KEN T	THIBODE	AUX		Size	Lb/	Lb/ft Set Dep			pth BHA # 1:Bit fdx55m, Motor 7/8			
Second Di	rectiona	il :	Darin	Fox										jts, HWDP 25s	d's 50jts, DP 47
MWD Oper	ator1		JARE	D CONVE	RSE]15 25 + 1 ;	siu s, , ,	
MWD Oper	ator2														
Directional	Compa	ny:	Great	White Dire	ectional Service	es, LLC						L	<u>-</u> .		
Geologist:							Signature	: :							
Company I	mpany Man: George Urban														
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm. Ou	t: 0							

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT		
26-Nov-11	00:00	00:30	0.50	4389	4403	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	00:30	00:35	0.08	4403	4403	Survey & Conn.	Survey & Conn.		
26-Nov-11	00:35	01:20	0.75	4403	4436	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	01:20	01:25	0.08	4436	4436	Survey & Conn.	Survey & Conn.		
26-Nov-11	01:25	02:25	1.00	4436	4468	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	02:25	02:30	0.08	4468	4468	Survey & Conn.	Survey & Conn.		
26-Nov-11	02:30	03:10	0.67	4468	4500	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	03:10	03:15	0.08	4500	4500	Survey & Conn.	Survey & Conn.		
26-Nov-11	03:15	04:10	0.92	4500	4533	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	04:10	04:15	0.08	4533	4533	Survey & Conn.	Survey & Conn.		
26-Nov-11	04:15	05:00	0.75	4533	4560	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)		
26-Nov-11	05:00	05:05	0.08	4560	4560	Survey & Conn.	Survey & Conn.		
26-Nov-11	05:05	05:45	0.67	4560	4588	Sliding	Sliding - (WOB:0;GPM :400;TFO:0)		
26-Nov-11	05:45	05:55	0.17	4588	4596	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)		
26-Nov-11	05:55	06:00	0.08	4596	4596	Survey & Conn.	Survey & Conn.		
26-Nov-11	06:00	06:30	0.50	4596	4621	Sliding - (WOB:0;GPM :400;TFO:0)			
26-Nov-11	06:30	06:40	0.17	4621	4629	Drilling - (WOB:15;GPM:400;RPM:60)			

Daily Report for JOB#: 03328-432-22 - Page 1 of 2

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT	
26-Nov-11	06:40	06:45	0.08	4629	4629	Survey & Conn.	Survey & Conn.	
26-Nov-11	06:45	07:40	0.92	4629	4654	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)	
26-Nov-11	07:40	07:50	0.17	4654	4661	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)	
26-Nov-11	07:50	07:55	0.08	4661	4661	Survey & Conn.	Survey & Conn.	
26-Nov-11	07:55	10:00	2.08	4661	4688	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)	
26-Nov-11	10:00	10:10	0.17	4688	4693	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)	
26-Nov-11	10:10	10:15	0.08	4693	4693	Survey & Conn.	Survey & Conn.	
26-Nov-11	10:15	10:40	0.42	4693	4693	Rig Service-Inhole	Rig Service-Inhole	
26-Nov-11	10:40	12:20	1.67	4693	4723	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)	
26-Nov-11	12:20	12:25	0.08	4723	4726	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)	
26-Nov-11	12:25	12:50	0.42	4726	4726	Circulating	Circulating	
26-Nov-11	12:50	12:55	0.08	4726	4726	Survey & Conn.	Survey & Conn.	
26-Nov-11	12:55	13:40	0.75	4726	4758	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)	
26-Nov-11	13:40	13:50	0.17	4758	4758	Survey & Conn.	Survey & Conn.	
26-Nov-11	13:50	14:05	0.25	4758	4767	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)	
26-Nov-11	14:05	14:35	0.50	4767	4785	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)	
26-Nov-11	14:35	14:50	0.25	4785	4791	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)	
26-Nov-11	14:50	15:00	0.17	4791	4791	Survey & Conn.	Survey & Conn.	
26-Nov-11	15:00	15:30	0.50	4791	4806	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)	
26-Nov-11	15:30	16:05	0.58	4806	4823	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)	
26-Nov-11	16:05	16:15	0.17	4823	4823	Survey & Conn.	Survey & Conn.	
26-Nov-11	16:15	16:40	0.42	4823	4833	Sliding	Sliding - (WOB:20;GPM :480;TFO:-10)	
26-Nov-11	16:40	16:55	0.25	4833	4855	Drilling	Drilling - (WOB:15;GPM:400;RPM:60)	
26-Nov-11	16:55	17:05	0.17	4855	4855	Survey & Conn.	Survey & Conn.	
26-Nov-11	17:05	17:55	0.83	4855	4870	Sliding	Sliding - (WOB:20;GPM :480;TFO:-10)	
26-Nov-11	17:55	18:15	0.33	4870	4887	Drilling	Drilling - (WOB:15; :400;RPM:60)	
26-Nov-11	18:15	18:20	0.08	4887	4887	Survey & Conn.	Survey & Conn.	
26-Nov-11	18:20	19:25	1.08	4887	4919	Sliding	Sliding - (WOB:20; :480;TFO:360)	
26-Nov-11	19:25	19:35	0.17	4919	4919	Survey & Conn.	Survey & Conn.	
26-Nov-11	19:35	21:05	1.50	4919	4946	Sliding - (WOB:20; :480;TFO:360)		
26-Nov-11	21:05	21:15	0.17	4946	4951	1 Drilling Drilling - (WOB:15; :400;RPM:60)		
26-Nov-11	21:15	21:20	0.08	4951	4951	951 Survey & Conn. Survey & Conn.		
26-Nov-11	23:30	24:00	0.50	4951	4951	4951 Short Trip 15 std's		



JOB NO.:	03328-432-22	Report Time:	2400	17 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Sunday, November 27, 2011 at 0000 to Sunday, November 27, 2011 at 2400

DR	ILLIN	G SU	MMAR'	Y					Dri	ling F	araı	meters	3	
Start Depth		0.00	Rotary	Hours	0.00	WOB		15	Pick U	2 11	1000	Slack Of	f 98000	SPM
End Depth		0.00	Circulat	ing Hours	1.00	RAB	RAB 103000 SPP 2400					FlowRat	e 400 - 400	160
Total Drilled:		0.00	Avg. To	tal ROP:	NA					Muc	l Da	ta		
Total Rotary Drilled	:	0.00	Avg. Ro	tary ROP:	NA	Туре	dap				PV	22	SOLID	7
Total Drilled Sliding	J:	0.00	Avg. Sli	de ROP:	NA	Weigh	t	9.35	GAS	0	ΥP	10	ВНТ°	117.5
Slide Hours:		0.00	Percent	Rotary:	NA	Viscos	sity	49	SAND	0.35	PH	11	Flow T°	104
Below Rotary Hrs. 24.00 Percent Slide: NA						Chlori	des	950	WL	9.2			Oil %	0
	PER	SON	NEL					CAS	SING				BHA	
Lead Directional:		KEN T	HIBODEA	UX		Si	ze	Lb/i	ft	Set Dep				or 7/8 5.7, TC - K/O XH/st39, DP
Second Directional	:	Darin I	-ох										ts, HWDP 25s	td's 50jts, DP 47
MWD Operator1		JARE	CONVE	RSE								JIS 20 + 1 S	10 5, , ,	
MWD Operator2														
Directional Compar	ny:	Great	White Dire	ctional Service	s, LLC						L		···	
Geologist:						Signa	ature:	:						
Company Man:	mpany Man: George Urban													
incl. in: 0	Azm.	ln:	0	Incl. Out:	0	Azm	. Out:	. 0						

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Nov-11	00:00	00:15	0.25	4951	4951	Short Trip	Short Trip
27-Nov-11	00:15	01:15	1.00	4951	4951	Circulating	Circ. prep for TOH
27-Nov-11	01:15	06:00	4.75	4951	4951	РООН	POOH to run casing curve completed
27-Nov-11	06:00	07:15	1.25	4951	4951	Other	Other(I/down bha)
27-Nov-11	07:15	18:00	10.75	4951	4951	Other	Other(casing)
27-Nov-11	18:00	24:00	6.00	4951	4951	Other	Cementing



JOB NO.:	03328-432-22	Report Time:	2400	18 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 28, 2011 at 0000 to Monday, November 28, 2011 at 2400

Į.	RILLIN	G SU	MMAR	Υ					Drill	ing P	ara	meters	S	
Start Depth	50	07.00	Rotary	Hours	3.00	WOB		15	Pick UP	111	1000	Slack Of	if 980	00 SPM
End Depth	50	68.00	Circulat	ting Hours	2.33	RAB		103000	SPP		1500	FlowRat	e 220 - 40	0 80
Total Drilled:		61.00	Avg. To	tal ROP:	20.33					Mud	Da	ta		
Total Rotary Drill	ed:	61.00	Avg. Ro	tary ROP:	20.33	Туре	dap				P۷	22	SOLID	7
Total Drilled Slid	ng:	0.00	Avg. Sli	ide ROP:	NA	Weigh	nt	9.35	GAS	0	ΥP		внт°	117.5
Slide Hours:		0.00	Percent	t Rotary:	100.00	Visco	sity	49	SAND	0.35	PH	11	Flow T°	104
Below Rotary Hrs	Below Rotary Hrs. 23.00 Percent Slide: .00					Chlor	ides	950	WL	9.2			Oil %	0
	PEF	RSON	NEL					CAS	SING				ВН	
Lead Directional	:	KEN T	HIBODEA	UX		S	ize	Lb/	ft S	et Dep	th			lotor 7/8 3.8, ony , TC-NMDC,
Second Direction	al:	Darin I	Fox										NMDC, x/o, DP - 50 its 2	DP - 108 jts 54
MWD Operator1		JAREI	CONVE	RSE								314 3, 1144 2	00 100 1	.0 0.000, ,
MWD Operator2]								
Directional Comp	any:	Great	White Dire	ectional Service	es, LLC						Ĺ			
Geologist:						Sign	ature	:						
Company Man:	ompany Man: George Urban								_					
Incl. In: 0	Azm.	.ln:	0	Incl. Out:	0	Azn	n. Out	: 0						

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Nov-11	00:00	01:00	1.00	4951	4951	Standby	Standby
28-Nov-11	01:00	01:45	0.75	4951	4951	Change BHA	P/U Dir Tools
28-Nov-11	01:45	02:45	1.00	4951	4951	MWD Survey	P/U MWD, program, test, DCO
28-Nov-11	02:45	09:30	6.75	4951	4951	TIH	TIH
28-Nov-11	09:30	13:00	3.50	4951	5007	Other	Other(drlg. cement)
28-Nov-11	13:00	15:05	2.08	5007	5038	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
28-Nov-11	15:05	15:10	0.08	5038	5038	Other	Other
28-Nov-11	15:10	16:05	0.92	5038	5068	Drilling	Drilling - (WOB:15;GPM :220;RPM:60)
28-Nov-11	16:05	16:10	0.08	5068	5068	Survey & Conn.	Survey & Conn.
28-Nov-11	16:10	16:30	0.33	5068	5068	Circulating	Circulating
28-Nov-11	16:30	20:30	4.00	5068	5068	РООН	MWD gama not working, ROP was slow
28-Nov-11	20:30	22:30	2.00	5068	5068	Change BHA	Swap out motor, Gap sub, and MWD
28-Nov-11	22:30	23:30	1.00	5068	5068	MWD Survey	P/U MWD, program, test, DCO
28-Nov-11	23:30	24:00	0.50	5068	5068	TIH	TIH



JOB NO.:	03328-432-22	Report Time:	2400	19 of 23			
Company:	Berry Petroleum CO.	API JOB #	43-013-22606				
LOCATION:	LAKE CANYON	WORK ORDER#					
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON				
STATE:	UTAH	Township:	5 S				
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W			
WELL NAME:	LC 12H-6-56						

From Tuesday, November 29, 2011 at 0000 to Tuesday, November 29, 2011 at 2400

	D	RILLIN	G SUI	MMAR'	Υ					Dri	ling F	araı	neter	s	
Start Depth	*	50	68.00	Rotary I	Hours	11.08	WOB		24	Pick U	P 10	9000	Slack O	ff 950	000 SPM
End Depth		57	03.00	Circulat	ing Hours	1.25	RAB		99000	SPP		1100	FlowRa	te 200 - 2	20 80
Total Drille	d:	6	35.00	Avg. To	tal ROP:	36.81	Mud Data								
Total Rotar	y Drille	d: 5	33.00	Avg. Ro	tary ROP:	48.09	Type	gel/che	em			PV	5	SOLID	2
Total Drille	d Slidin	g: 1	02.00	Avg. Sli	de ROP:	16.54	Weigh	it	8.65	GAS	0	ΥP	4	внт°	117.5
Slide Hours	::		6.17	Percent	Rotary:	83.94	Visco	sity	34	SANE	0.1	PH	10.6	Flow T°	73
Below Rota	ry Hrs.	•	24.00	Percent	Slide:	16.06	Chlori	des	1350	WL	13.2			Oil %	0
		PER	SON	NEL					CAS	ING				BH	
Lead Direct	ional:		KEN T	HIBODEA	UX		Si	Size Lb/ft Set Depth				BHA # 3:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC,			
Second Dir	ectiona	ıl:	Darin F	-ox										NMDC, x/o DP - 50 its	, DP - 108 jts 54 25 std's
MWD Opera	ator1		JARED	CONVE	RSE								5ta 5, 1111	21 00 10	20 010 0, ,
MWD Opera	ator2														
Directional	Compa	ıny:	Great \	White Dire	ctional Service	s, LLC	<u> </u>					L			
Geologist:	Geologist:						Sign	ature:							
Company N	ompany Man: George Urban														
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm	ı. Out:	0						

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Nov-11	00:00	03:45	3.75	5068	5068	TIH	TIH
29-Nov-11	03:45	04:30	0.75	5068	5068	MWD Survey	Relog gamma
29-Nov-11	04:30	06:00	1.50	5068	5094	Drilling	Drilling - (WOB:15;GPM :220;RPM:60)
29-Nov-11	06:00	06:05	0.08	5094	5094	Survey & Conn.	Survey & Conn.
29-Nov-11	06:05	06:45	0.67	5094	5106	Sliding	Sliding - (WOB:20;GPM :480;TFO:360)
29-Nov-11	06:45	07:05	0.33	5106	5126	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	07:05	07:10	0.08	5126	5126	Survey & Conn.	Survey & Conn.
29-Nov-11	07:10	07:55	0.75	5126	5156	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	07:55	08:00	0.08	5156	5156	Survey & Conn.	Survey & Conn.
29-Nov-11	08:00	08:45	0.75	5156	5188	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	08:45	08:50	0.08	5188	5188	Survey & Conn.	Survey & Conn.
29-Nov-11	08:50	09:35	0.75	5188	5198	Sliding	Sliding - (WOB:18; :200;TFO:140)
29-Nov-11	09:35	09:55	0.33	5198	5218	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	09:55	10:00	0.08	5218	5218	Survey & Conn.	Survey & Conn.
29-Nov-11	10:00	10:25	0.42	5218	5251	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	10:25	10:30	0.08	5251	5251	Survey & Conn.	Survey & Conn.
29-Nov-11	10:30	11:05	0.58	5251	5283	Drilling	Drilling - (WOB:15; :220;RPM:60)

Daily Report for JOB#: 03328-432-22 - Page 1 of 2

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Nov-11	11:05	11:10	0.08	5283	5283	Survey & Conn.	Survey & Conn.
29-Nov-11	11:10	11:45	0.58	5283	5291	Sliding	Sliding - (WOB:18; :200;TFO:10)
29-Nov-11	11:45	12:05	0.33	5291	5315	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	12:05	12:10	0.08	5315	5315	Survey & Conn.	Survey & Conn.
29-Nov-11	12:10	12:35	0.42	5315	5348	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	12:35	12:40	0.08	5348	5348	Survey & Conn.	Survey & Conn.
29-Nov-11	12:40	13:00	0.33	5348	5354	Sliding	Sliding - (WOB:18; :200;TFO:180)
29-Nov-11	13:00	13:30	0.50	5354	5381	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	13:30	13:35	0.08	5381	5381	Survey & Conn.	Survey & Conn.
29-Nov-11	13:35	13:45	0.17	5381	5387	Sliding	Sliding - (WOB:18; :200;TFO:0)
29-Nov-11	13:45	14:15	0.50	5387	5413	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	14:15	14:25	0.17	5413	5413	Survey & Conn.	Survey & Conn.
29-Nov-11	14:25	15:10	0.75	5413	5445	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	15:10	15:15	0.08	5445	5445	Survey & Conn.	Survey & Conn.
29-Nov-11	15:15	15:35	0.33	5445	5450	Sliding	Sliding - (WOB:18; :200;TFO:0)
29-Nov-11	15:35	16:05	0.50	5450	5477	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	16:05	16:10	0.08	5477	5477	Survey & Conn.	Survey & Conn.
29-Nov-11	16:10	16:45	0.58	5477	5509	Drilling Drilling - (WOB:15; :220;RPM:60)	
29-Nov-11	16:45	16:50	0.08	5509	5509	Survey & Conn.	Survey & Conn.
29-Nov-11	16:50	17:15	0.42	5509	5517	Sliding	Sliding - (WOB:18; :200;TFO:175)
29-Nov-11	17:15	17:40	0.42	5517	5541	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	17:40	17:45	0.08	5541	5541	Survey & Conn.	Survey & Conn.
29-Nov-11	17:45	18:15	0.50	5541	5541	Rig Service-Inhole	Rig Service-Inhole
29-Nov-11	18:15	19:00	0.75	5541	5557	Sliding	Sliding - (WOB:18; :200;TFO:65)
29-Nov-11	19:00	19:15	0.25	5557	5578	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	19:15	19:25	0.17	5578	5578	Survey & Conn.	Survey & Conn.
29-Nov-11	19:25	19:55	0.50	5578	5581	Sliding	Sliding - (WOB:18; :200;TFO:45)
29-Nov-11	19:55	20:25	0.50	5581	5606	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	20:25	20:30	0.08	5606	5606	Survey & Conn.	Survey & Conn.
29-Nov-11	20:30	21:00	0.50	5606	5616	Sliding Drilling - (WOB:15; :220;RPM:60)	
29-Nov-11	21:00	21:35	0.58	5616	5637	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	21:35	21:40	0.08	5637	5637	Survey & Conn. Survey & Conn.	
29-Nov-11	21:40	22:20	0.67	5637	5649	Sliding	Sliding - (WOB:15; :220;TFO:85)
29-Nov-11	22:20	22:55	0.58	5649	5670	Drilling - (WOB:15; :220;RPM:60)	
29-Nov-11	22:55	23:00	0.08	5670	5670	Survey & Conn. Survey & Conn.	
29-Nov-11	23:00	23:30	0.50	5670	5676	Sliding	Sliding - (WOB:15; :220;TFO:90)
29-Nov-11	23:30	24:00	0.50	5676	5703	Drilling	Drilling - (WOB:15; :220;RPM:60)



JOB NO.:	03328-432-22	Report Time:	2400	20 of 23				
Company:	Berry Petroleum CO.	API JOB # 43-013-22606						
LOCATION:	LAKE CANYON	WORK ORDER#						
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON					
STATE:	UTAH	Township:	5 S					
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W				
WELL NAME:	LC 12H-6-56							

From Wednesday, November 30, 2011 at 0000 to Wednesday, November 30, 2011 at 2400

		, ,									_		- 1				
	DRILLING SUMMARY								Drilling Parameters								
Start Depth	1	57	03.00	Rotary	Hours	12.83	WOB		21	Pick U	Pick UP 109000		Slack O	ff 950	000 SP	M _	
End Depth		64	97.00	Circulat	ing Hours	0.50	RAB		99000	SPP	P P 1100		FlowRa	le 220 - 2	20 11	0	
Total Drille	d:	7	89.00	Avg. To	tal ROP:	36.98	Mud Data										
Total Rotary Drilled: 620.00 Avg. Rotary ROP:				48.31	Туре	Type gel/chem PV 17 SOLID						6.8					
Total Drille	d Slidin	g: 1	69.00	Avg. Sli	de ROP:	19.88	Weigh	t	9.3	GAS	0	YP	10_	BHT°	125		
Slide Hours	s:		8.50	Percent	Rotary:	78.58	Viscos	sity	45	SANE	0.35	PH	9.6	Flow T°	96		
Below Rotary Hrs.		24.00	Percent	Slide:	21.42	Chlori	des	1250	WL	6.8			Oil %	0			
		PER	SON	NEL				CASING BHA									
Lead Direc	tional :		KEN T	HIBODEA	UX	Si	ze	Lb/f	t	Set Dep	oth	BHA # 3:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC,					
Second Dir	rectiona	ıl:	Darin F	ox									NMDC, x/o DP - 50 jts	DP - 108 jts 25 std's	54		
MWD Oper	ator1		JARED	CONVE	RSE							0.000, 1.144	D1 00 J10	20 0.00,			
MWD Oper	ator2																
Directional Company:			Great '	White Dire	ctional Service						l						
Geologist:					Signa	ature:											
Company I	Company Man:			e Urban					_								
Incl. In:	0	Azm.	ln:	0	Incl. Out:	0	Azm	. Out:	0								

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	00:00	00:10	0.17	5703	5703	Survey & Conn.	Survey & Conn.
30-Nov-11	00:10	01:00	0.83	5703	5715	Sliding	Sliding - (WOB:15;GPM :220;TFO:165)
30-Nov-11	01:00	01:25	0.42	5715	5735	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	01:25	01:30	0.08	5735	5735	Survey & Conn.	Survey & Conn.
30-Nov-11	01:30	02:00	0.50	5735	5747	Sliding	Sliding - (WOB:15;GPM :220;TFO:130)
30-Nov-11	02:00	02:15	0.25	5747	5768	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	02:15	02:20	0.08	5768	5768	Survey & Conn.	Survey & Conn.
30-Nov-11	02:20	02:50	0.50	5768	5781	Sliding	Sliding - (WOB:15;GPM :220;TFO:170)
30-Nov-11	02:50	03:15	0.42	5781	5800	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	03:15	03:20	0.08	5800	5800	Survey & Conn.	Survey & Conn.
30-Nov-11	03:20	03:55	0.58	5800	5813	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	03:55	04:15	0.33	5813	5833	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	04:15	04:20	0.08	5833	5833	Survey & Conn.	Survey & Conn.
30-Nov-11	04:20	05:00	0.67	5833	5865	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	05:00	05:05	0.08	5865	5865	Survey & Conn.	Survey & Conn.
30-Nov-11	05:05	05:25	0.33	5865	5873	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	05:25	05:45	0.33	5873	5897	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)

Daily Report for JOB#: 03328-432-22 - Page 1 of 3

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	05:45	05:50	0.08	5897	5897	Survey & Conn.	Survey & Conn.
30-Nov-11	05:50	06:30	0.67	5897	5905	Sliding	Sliding - (WOB:15;GPM :220;TFO:360)
30-Nov-11	06:30	07:00	0.50	5905	5930	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	07:00	07:05	0.08	5930	5930	Survey & Conn.	Survey & Conn.
30-Nov-11	07:05	07:45	0.67	5930	5935	Sliding	Sliding - (WOB:15;GPM :220;TFO:-10)
30-Nov-11	07:45	08:40	0.92	5935	5962	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	08:40	08:45	0.08	5962	5962	Survey & Conn.	Survey & Conn.
30-Nov-11	08:45	09:40	0.92	5962	5994	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	09:40	09:45	0.08	5994	5994	Survey & Conn.	Survey & Conn.
30-Nov-11	09:45	10:20	0.58	5994	6000	Sliding	Sliding - (WOB:15;GPM :220;TFO:-10)
30-Nov-11	10:20	10:55	0.58	6000	6026	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	10:55	11:00	0.08	6026	6026	Survey & Conn.	Survey & Conn.
30-Nov-11	11:00	11:20	0.33	6026	6031	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	11:20	11:45	0.42	6031	6057	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	11:45	11:50	80.0	6057	6057	Survey & Conn.	Survey & Conn.
30-Nov-11	11:50	12:05	0.25	6057	6061	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)
30-Nov-11	12:05	12:40	0.58	6061	6090	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	12:40	12:45	0.08	6090	6090	Survey & Conn.	Survey & Conn.
30-Nov-11	12:45	13:00	0.25	6090	6095	Sliding	Sliding - (WOB:20;GPM :220;TFO:-60)
30-Nov-11	13:00	13:40	0.67	6095	6122	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	13:40	13:45	80.0	6122	6122	Survey & Conn.	Survey & Conn.
30-Nov-11	13:45	14:05	0.33	6122	6130	Sliding	Sliding - (WOB:20;GPM :220;TFO:-160)
30-Nov-11	14:05	14:45	0.67	6130	6154	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	14:45	14:50	0.08	6154	6154	Survey & Conn.	Survey & Conn.
30-Nov-11	14:50	15:25	0.58	6154	6164	Sliding	Sliding - (WOB:20;GPM :220;TFO:-170)
30-Nov-11	15:25	15:55	0.50	6164	6186	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	15:55	16:00	0.08	6186	6186	Survey & Conn.	Survey & Conn.
30-Nov-11	16:00	16:30	0.50	6186	6186	Rig Service-Inhole	Rig Service-Inhole
30-Nov-11	16:30	17:00	0.50	6186	6194	Sliding	Sliding - (WOB:20;GPM :220;TFO:-170)
30-Nov-11	17:00	17:20	0.33	6194	6219	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	17:20	17:25	0.08	6219	6219	Survey & Conn.	Survey & Conn.
30-Nov-11	17:25	17:40	0.25	6219	6224	Sliding	Sliding - (WOB:20;GPM :220;TFO:360)
30-Nov-11	17:40	18:30	0.83	6224	6249	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	18:30	18:35	0.08	6249	6249	Survey & Conn.	Survey & Conn.
30-Nov-11	18:35	19:10	0.58	6249	6282	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	19:10	19:15	0.08	6282	6282	Survey & Conn.	Survey & Conn.
30-Nov-11	19:15	19:55	0.67	6282	6314	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	19:55	20:00	0.08	6314	6314	Survey & Conn.	Survey & Conn.
30-Nov-11	20:00	20:20	0.33	6314	6323	Sliding	Sliding - (WOB:20;GPM :220;TFO:360)
30-Nov-11	20:20	20:45	0.42	6323	6346	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	20:45	20:50	0.08	6346	6346	Survey & Conn.	Survey & Conn.
30-Nov-11	20:50	21:00	0.17	6346	6351	Sliding	Sliding - (WOB:0;GPM :220;TFO:180)
30-Nov-11	21:00	21:25	0.42	6351	6379	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	21:25	21:30	0.08	6379	6379	Survey & Conn.	Survey & Conn.
30-Nov-11	21:30	21:55	0.42	6379	6411	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	21:55	22:00	0.08	6411	6411	Survey & Conn.	Survey & Conn.
30-Nov-11	22:00	22:30	0.50	6411	6443	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	22:30	22:35	0.08	6443	6443	Survey & Conn.	Survey & Conn.
	Daily Re	port lice	ense: NP133	6		Daily Rep	ort for JOB#: 03328-432-22 - Page 2 of 3

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	22:35	22:55	0.33	6443	6455	Sliding	Sliding - (WOB:0;GPM :220;TFO:180)
30-Nov-11	22:55	23:15	0.33	6455	6476	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	23:15	23:20	0.08	6476	6476	Survey & Conn.	Survey & Conn.
30-Nov-11	23:20	23:50	0.50	6476	6497	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
30-Nov-11	23:50	24:00	0.17	6497	6492	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)



JOB NO.:	03328-432-22	Report Time:	2400	21 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	N
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, December 01, 2011 at 0000 to Thursday, December 01, 2011 at 2400

	DF	RILLING	G SU	MMAR	Υ		-			Dril	ling P	ara	meter	s _		ā
Start Depth		649	92.00	Rotary	Hours	5.08	WOB		22	Pick UP	109	9000	Slack O	ff 950	000	SPM
End Depth		68	37.00	Circulat	ing Hours	1.58	RAB		99000	SPP		1100	FlowRa	te 220 - 2	20	96
Total Drilled:		34	45.00	Avg. To	tal ROP:	45.49					Mud	Da	ta			
Total Rotary	Drilled	1: 30	01.00	Avg. Ro	tary ROP:	59.21	Туре	gel/cher	n			PV	15	SOLID		5.8
Total Drilled	Sliding	g: '	44.00	Avg. Sli	ide ROP:	17.60	Weight	t	9	GAS	0	ΥP		внт°		125
Slide Hours:			2.50	Percent	Rotary:	87.25	Viscos	ity	42	SAND	0.25	PH	9.6	Flow T°		96
Below Rotary	y Hrs.	:	24.00	Percent	Slide:	12.75	Chloric	des	1300	WL	7.6		Oil % 0			
		PER	SON	NEL					CAS	ING				BH		
Lead Direction	onal :		KEN T	HIBODEA	UX		Size Lb/ft Set Dep					th	BHA # 4:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony, TC-NMD			
Second Direct	ctional	:	Darin I	Fox								Gap Sub,	NMDC, x/o DP - 50 its	, DP - 1	08 jts 54	
MWD Operate	or1	·	JAREI	CONVE	RSE		_					1	310 3, 1111	D1 00 110	LO DIGI	, ,
MWD Operate	or2				_		<u> </u>					1				
Directional C	ompa	ny:	Great '	White Dire	ctional Service	es, LLC	<u> </u>					L				
Geologist:	Geologist:						Signa	ture:								
Company Ma	ompany Man: Ge			George Urban												
Incl. In: 0 Azm.			ln:	0	Incl. Out:	0	Azm.	. Out:	0							

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Dec-11	00:00	00:10	0.17	6492	6508	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
1-Dec-11	00:10	00:25	0.25	6508	6508	Survey & Conn.	Survey & Conn.
1-Dec-11	00:25	00:40	0.25	6508	6532	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
1-Dec-11	00:40	00:50	0.17	6532	6532	Survey & Conn.	Check shot survey
1-Dec-11	00:50	01:15	0.42	6532	6541	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
1-Dec-11	01:15	01:20	0.08	6541	6541	Survey & Conn.	Survey & Conn.
1-Dec-11	01:20	01:30	0.17	6541	6578	Drilling	Drilling - (WOB:18;GPM :220;RPM:55)
1-Dec-11	01:30	02:45	1.25	6578	6578	Rig Service-Inhole	Hook load sensor problems.
1-Dec-11	02:45	02:50	0.08	6578	6578	Survey & Conn.	Survey & Conn.
1-Dec-11	02:50	03:10	0.33	6578	6606	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	03:10	03:20	0.17	6606	6606	Survey & Conn.	Survey & Conn.
1-Dec-11	03:20	03:40	0.33	6606	6613	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
1-Dec-11	03:40	04:00	0.33	6613	6638	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	04:00	04:10	0.17	6638	6638	Survey & Conn.	Survey & Conn.
1-Dec-11	04:10	04:45	0.58	6638	6670	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	04:45	04:55	0.17	6670	6670	Survey & Conn.	Survey & Conn.
1-Dec-11	04:55	05:20	0.42	6670	6675	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)

Daily Report for JOB#: 03328-432-22 - Page 1 of 2

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT				
1-Dec-11	05:20	11:30	6.17	6675	6675	РООН	РООН				
1-Dec-11	11:30	13:00	1.50	6675	6675	Change BHA	Change BHA				
1-Dec-11	13:00	18:40	5.67	6675	6675	TIH	TIH				
1-Dec-11	18:40	19:00	0.33	6675	6675	Circulating	Circulating				
1-Dec-11	19:00	19:25	0.42	6675	6700	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)				
1-Dec-11	19:25	19:30	0.08	6700	6700	Survey & Conn.	Survey & Conn.				
1-Dec-11	19:30	20:00	0.50	6700	6707	Sliding	Sliding - (WOB:22;GPM :220;TFO:-30)				
1-Dec-11	20:00	20:25	0.42	6707	6732	Drilling	Drilling - (WOB:14;GPM :220;RPM:45)				
1-Dec-11	20:25	20:30	0.08	6732	6732	Survey & Conn.	Survey & Conn.				
1-Dec-11	20:30	21:00	0.50	6732	6737	Sliding	Sliding - (WOB:22;GPM :220;TFO:-160)				
1-Dec-11	21:00	21:35	0.58	6737	6765	Drilling	Drilling - (WOB:14;GPM :220;RPM:55)				
1-Dec-11	21:35	21:40	0.08	6765	6765	Survey & Conn.	Survey & Conn.				
1-Dec-11	21:40	22:25	0.75	6765	6797	Drilling	Drilling - (WOB:14;GPM :220;RPM:55)				
1-Dec-11	22:25	22:30	0.08	6797	6797	Survey & Conn.	Survey & Conn.				
1-Dec-11	22:30	22:50	0.33	6797	6805	Sliding	Sliding - (WOB:22;GPM:220;TFO:180)				
1-Dec-11	23:35	24:00	0.42	6829	6837	Sliding	Sliding - (WOB:22;GPM :220;TFO:-160)				
1-Dec-11	22:50	23:30	0.67	6805	6829	Drilling Drilling - (WOB:14;GPM:220;RPM:55)					
1-Dec-11	23:30	23:35	0.08	6829	6829	Survey & Conn. Survey & Conn.					



JOB NO.:	03328-432-22	Report Time:	2400	22 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-2260	06 <u> </u>
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANY	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, December 02, 2011 at 0000 to Friday, December 02, 2011 at 2400

	DRII	LLING S	UMMA	RY					Dril	ling F	araı	meter	s		
Start Depth		6837.	00 Rotary	Hours	15.17	WOB		18	Pick UF	10	9000	Slack Of	ff 9500	SPM	
End Depth		7735.	00 Circul	ating Hours	0.25	RAB		99000	SPP		1452	FlowRat	220 - 257	90	
Total Drilled:		898.0	00 Avg. T	otal ROP:	43.98					Muc	I Dat	ta			
Total Rotary I	Drilled:	804.	00 Avg. F	lotary ROP:	53.01	Туре	gel/che	m			PV	22	SOLID	5.6	
Total Drilled S	Sliding:	94.	00 Avg. S	lide ROP:	17.90	Weigh	t	9.16	GAS	0	ΥP	16	BHT°	125	
Slide Hours:		5.:	25 Percei	nt Rotary:	89.53	Viscos	sity	52	SAND	0.5	PH	9.6	Flow T°	96	
Below Rotary	Hrs.	24.	00 Percei	nt Slide:	10.47	Chlori	des	1250	WL	5.2		Oil % 0			
		PERSO	NNEL				CASING BHA								
Lead Directio	nal :	KE	N THIBODE	AUX		Size Lb/ft Set Depth BHA # 4:Bit FX64D, I Stabilizer Non-mag, F									
Second Direc	tional :	Da	in Fox									Gap Sub,		P - 108 jts 54	
MWD Operato	or1	JA	RED CONV	ERSE							1	Sta 5, 11111	51 - 50 jta 25	Sid o, ,	
MWD Operato	or2														
Directional Company: Great White Directional Services, LLC											L			· · · -	
Geologist:	Geologist:					Sign	ature:								
Company Ma	Company Man: George Urban														
Incl. In: 0 Azm			0	Incl. Out:	0	Azm	. Out:	0							

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT				
2-Dec-11	00:00	00:35	0.58	6837	6862	Drilling	Drilling - (WOB:12;GPM :220;RPM:55)				
2-Dec-11	00:35	00:40	0.08	6862	6862	Survey & Conn.	Survey & Conn.				
2-Dec-11	00:40	00:50	0.17	6862	6873	Drilling	Drilling - (WOB:12;GPM :220;RPM:55)				
2-Dec-11	00:50	01:05	0.25	6873	6873	Rig Service-Inhole	Lost power				
2-Dec-11	01:05	01:45	0.67	6873	6894	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)				
2-Dec-11	01:45	01:50	0.08	6894	6894	Survey & Conn.	Survey & Conn.				
2-Dec-11	01:50	02:20	0.50	6894	6927	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)				
2-Dec-11	02:20	02:30	0.17	6927	6927	Survey & Conn.	Survey & Conn.				
2-Dec-11	02:30	03:05	0.58	6927	6959	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)				
2-Dec-11	03:05	03:10	0.08	6959	6959	Survey & Conn.	Survey & Conn.				
2-Dec-11	03:10	03:45	0.58	6959	6959	Rig repair	Frozen air lines				
2-Dec-11	03:45	03:50	0.08	6959	6965	Sliding	Sliding - (WOB:22;GPM :220;TFO:180)				
2-Dec-11	03:50	04:10	0.33	6965	6990	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)				
2-Dec-11	04:10	04:30	0.33	6990	6990	Survey & Conn.	Survey & Conn.				
2-Dec-11	04:30	04:45	0.25	6990	6998	Sliding	Sliding - (WOB:17;GPM :220;TFO:170)				
2-Dec-11	04:45	05:05	0.33	6998	7023	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)				
2-Dec-11	05:05	05:20	0.25	7023	7023	Survey & Conn.	Survey & Conn.				

Daily Report for JOB#: 03328-432-22 - Page 1 of 3

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05:40 05:45 06:05 06:30 06:35 07:15	05:25 05:40 05:45 06:05 06:30 06:35 07:15 07:45 07:50 08:20	0.08 0.25 0.08 0.33 0.42 0.08 0.67 0.50	7023 7031 7055 7055 7062 7088 7088	7031 7055 7055 7062 7088 7088	Sliding Drilling Survey & Conn. Sliding	Sliding - (WOB:17;GPM :220;TFO:170) Drilling - (WOB:12;GPM :220;RPM:60) Survey & Conn.
05:40 05:45 06:05 06:30 06:35 07:15 07:45	05:45 06:05 06:30 06:35 07:15 07:45	0.08 0.33 0.42 0.08 0.67 0.50	7055 7055 7062 7088 7088	7055 7062 7088	Survey & Conn.	
05:45 06:05 06:30 06:35 07:15 07:45	06:05 06:30 06:35 07:15 07:45 07:50	0.33 0.42 0.08 0.67 0.50	7055 7062 7088 7088	7062 7088		Survey & Conn.
06:05 06:30 06:35 07:15 07:45 07:50	06:30 06:35 07:15 07:45 07:50	0.42 0.08 0.67 0.50	7062 7088 7088	7088	Sliding	
06:05 06:30 06:35 07:15 07:45	06:35 07:15 07:45 07:50	0.08 0.67 0.50	7088 7088			Sliding - (WOB:22;GPM :220;TFO:170)
06:30 06:35 07:15 07:45 07:50	07:15 07:45 07:50	0.67 0.50	7088	7088	Drilling	Drilling - (WOB:12; :220;RPM:60)
07:15 07:45 07:50	07:45 07:50	0.50			Survey & Conn.	Survey & Conn.
07:15 07:45 07:50	07:45 07:50		700.	7094	Sliding	Sliding - (WOB:22; :220;TFO:170)
07:45 07:50	07:50	0.08	7094	7120	Drilling	Drilling - (WOB:12; :220;RPM:60)
07:50		0.00	7120	7120	Survey & Conn.	Survey & Conn.
		0.50	7120	7125	Sliding	Sliding - (WOB:22; :220;TFO:-10)
	08:45	0.42	7125	7153	Drilling	Drilling - (WOB:12; :220;RPM:60)
08:45	08:50	0.08	7153	7153	Survey & Conn.	Survey & Conn.
08:50	09:30	0.67	7153	7186	Drilling	Drilling - (WOB:12; :220;RPM:60)
09:30	09:35	0.08	7186	7186	Survey & Conn.	Survey & Conn.
						Sliding - (WOB:22; :220;TFO:5)
						Drilling - (WOB:12; :220;RPM:60)
						Survey & Conn.
						Sliding - (WOB:22; :220;TFO:175)
						Drilling - (WOB:12; :220;RPM:60)
	-				<u> </u>	Survey & Conn.
						Drilling - (WOB:12; :220;RPM:60)
						Survey & Conn.
						Drilling - (WOB:12; :220;RPM:60)
						Survey & Conn.
						Sliding - (WOB:22; :220;TFO:175)
						Drilling - (WOB:18; :220;RPM:60)
					+ <u> </u>	Survey & Conn.
					· · · · · · · · · · · · · · · · · · ·	Drilling - (WOB:18; :220;RPM:60)
					 	Survey & Conn.
						Sliding - (WOB:0; :220;TFO:-20)
	_				<u> </u>	Drilling - (WOB:18; :220;RPM:60)
						Survey & Conn.
						Sliding - (WOB:0; :220;TFO:180)
						Drilling - (WOB:18; :220;RPM:60)
						Survey & Conn.
					-	Survey & Conn.
						Drilling - (WOB:18;GPM :220;RPM:50)
					· · · · · · · · · · · · · · · · · · ·	Survey & Conn.
21:50		1.08				Drilling - (WOB:18;GPM :220;RPM:50)
22:55	23:00	0.08				Survey & Conn.
23:00		0.42	-			Sliding - (WOB:20;GPM :257;TFO:180)
23:25	24:00	0.58				Drilling - (WOB:18; :220;RPM:50)
15:45	16:15	0.50	7445	7477	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
16:15	16:20	0.08		7477	Survey & Conn.	Survey & Conn.
16:20	16:45	0.42	7477	7484	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)
16:45	17:15	0.50	7484	7510	Drilling	Drilling - (WOB:18;GPM:220;RPM:50)
17:15	17:20	0.08	7510	7510	Survey & Conn.	Survey & Conn.
17:20	17:40	0.33	7510	7518	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)
	09:35 10:15 10:30 11:35 11:20 11:55 12:00 12:40 12:45 13:00 13:25 13:30 14:20 14:20 14:50 14:50 14:55 15:40 20:35 20:40 21:45 21:45 20:40 21:45 15:05 15:40 14:50 14:50 17:20	09:35 10:15 10:15 10:30 10:30 10:35 10:35 11:00 11:00 11:15 11:20 11:55 11:55 12:00 12:40 12:45 12:45 13:00 13:25 13:30 13:25 13:30 13:30 13:55 13:55 14:00 14:20 14:50 14:50 14:55 15:45 15:05 15:40 15:45 20:35 20:40 20:40 21:45 21:45 21:50 21:50 22:55 22:55 23:00 23:25 24:00 15:45 16:15 16:15 16:20 16:20 16:45 16:45 17:15 17:20 17:40	09:35 10:15 0.67 10:15 10:30 0.25 10:30 10:35 0.08 10:35 11:00 0.42 11:00 11:15 0.25 11:15 11:20 0.08 11:20 11:55 0.58 11:55 12:00 0.08 12:00 12:40 0.67 12:40 12:45 0.08 12:45 13:00 0.25 13:00 13:25 0.42 13:25 13:30 0.08 13:30 13:55 0.42 13:55 14:00 0.08 14:00 14:20 0.33 14:20 14:50 0.50 14:50 14:55 0.08 15:40 15:45 0.08 15:40 15:45 0.08 20:35 20:40 0.08 20:35 20:40 0.08 21:45 21:50 0.08 21:50 <td< td=""><td>09:35 10:15 0.67 7186 10:15 10:30 0.25 7191 10:30 10:35 0.08 7218 10:35 11:00 0.42 7218 11:00 11:15 0.25 7223 11:15 11:20 0.08 7251 11:20 11:55 0.58 7251 11:55 12:00 0.08 7283 12:00 12:40 0.67 7283 12:40 12:45 0.08 7315 12:45 13:00 0.25 7315 13:00 13:25 0.42 7321 13:25 13:30 0.08 7348 13:30 13:55 0.42 7348 13:55 14:00 0.08 7380 14:20 14:50 0.50 7386 14:50 14:50 0.50 7413 15:05 15:40 0.58 7417 15:40 15:45 0.08</td><td>09:35 10:15 0.67 7186 7191 7218 10:15 10:30 0.25 7191 7218 10:30 10:35 0.08 7218 7218 10:35 11:00 0.42 7218 7223 11:00 11:15 0.25 7223 7251 11:15 11:20 0.08 7251 7251 11:20 11:55 0.58 7251 7283 11:55 12:00 0.08 7283 7315 12:40 12:45 0.08 7315 7315 12:45 13:00 0.25 7315 7321 13:00 13:25 0.42 7321 7348 13:25 13:30 0.08 7348 7380 13:30 13:55 0.42 7348 7380 13:55 14:00 0.08 7380 7380 14:20 14:50 0.50 7386 7413 14:50 14:50</td><td>09:35 10:15 0.67 7186 7191 Sliding 10:15 10:30 0.25 7191 7218 Drilling 10:30 10:35 0.08 7218 7218 Survey & Conn. 10:35 11:00 0.42 7218 7223 Sliding 11:00 11:15 0.25 7223 7251 Drilling 11:15 11:20 0.08 7251 7251 Survey & Conn. 11:20 11:55 0.58 7251 7283 Drilling 11:55 12:00 0.08 7283 7315 Drilling 12:40 12:45 0.08 7315 7315 Survey & Conn. 12:45 13:00 0.25 7315 7321 Sliding 13:25 13:30 0.08 7348 7348 Drilling 13:25 13:30 0.08 7380 7380 Survey & Conn. 13:30 13:55 0.42 7348 7380 Survey</td></td<>	09:35 10:15 0.67 7186 10:15 10:30 0.25 7191 10:30 10:35 0.08 7218 10:35 11:00 0.42 7218 11:00 11:15 0.25 7223 11:15 11:20 0.08 7251 11:20 11:55 0.58 7251 11:55 12:00 0.08 7283 12:00 12:40 0.67 7283 12:40 12:45 0.08 7315 12:45 13:00 0.25 7315 13:00 13:25 0.42 7321 13:25 13:30 0.08 7348 13:30 13:55 0.42 7348 13:55 14:00 0.08 7380 14:20 14:50 0.50 7386 14:50 14:50 0.50 7413 15:05 15:40 0.58 7417 15:40 15:45 0.08	09:35 10:15 0.67 7186 7191 7218 10:15 10:30 0.25 7191 7218 10:30 10:35 0.08 7218 7218 10:35 11:00 0.42 7218 7223 11:00 11:15 0.25 7223 7251 11:15 11:20 0.08 7251 7251 11:20 11:55 0.58 7251 7283 11:55 12:00 0.08 7283 7315 12:40 12:45 0.08 7315 7315 12:45 13:00 0.25 7315 7321 13:00 13:25 0.42 7321 7348 13:25 13:30 0.08 7348 7380 13:30 13:55 0.42 7348 7380 13:55 14:00 0.08 7380 7380 14:20 14:50 0.50 7386 7413 14:50 14:50	09:35 10:15 0.67 7186 7191 Sliding 10:15 10:30 0.25 7191 7218 Drilling 10:30 10:35 0.08 7218 7218 Survey & Conn. 10:35 11:00 0.42 7218 7223 Sliding 11:00 11:15 0.25 7223 7251 Drilling 11:15 11:20 0.08 7251 7251 Survey & Conn. 11:20 11:55 0.58 7251 7283 Drilling 11:55 12:00 0.08 7283 7315 Drilling 12:40 12:45 0.08 7315 7315 Survey & Conn. 12:45 13:00 0.25 7315 7321 Sliding 13:25 13:30 0.08 7348 7348 Drilling 13:25 13:30 0.08 7380 7380 Survey & Conn. 13:30 13:55 0.42 7348 7380 Survey

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Dec-11	17:40	18:00	0.33	7518	7543	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	18:00	18:05	0.08	7543	7543	Survey & Conn.	Survey & Conn.
2-Dec-11	18:05	18:25	0.33	7543	7549	Sliding	Sliding - (WOB:20;GPM :257;TFO:180)
2-Dec-11	18:25	18:55	0.50	7549	7574	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	18:55	19:00	0.08	7574	7574	Survey & Conn.	Survey & Conn.
2-Dec-11	19:00	19:30	0.50	7574	7607	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	19:30	19:35	0.08	7607	7607	Survey & Conn.	Survey & Conn.
2-Dec-11	19:35	20:35	1.00	7607	7639	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)



JOB NO.:	03328-432-22	Report Time:	2400	23 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	3
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYO	ON
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, December 03, 2011 at 0000 to Saturday, December 03, 2011 at 2400

	DRII	LING SU	JMMAR	Υ		_			Dril	ling P	ara	meter	S		
Start Depth		7735.00	Rotary	Hours	3.92	WOB		18	Pick UF	109	9000	Slack O	ff 950	000 SPM	
End Depth		7930.00	Circula	ting Hours	1.92	RAB		99000	SPP		1452	FlowRat	le 220 - 2	57 90	
Total Drilled:		195.00	Avg. To	tal ROP:	41.79					Mud	Da	ta			
Total Rotary D	rilled:	187.00	Avg. Ro	otary ROP:	47.74	Туре	gel/ch	em	-		PV	22	SOLID	5.6	
Total Drilled S	iding:	8.00	Avg. SI	ide ROP:	10.67	Weigh	it	9.16	GAS	0	ΥP	_	внт∘	125	
Slide Hours:		0.75	Percen	t Rotary:	95.90	Viscos	sity	52	SAND	0.5	PH	9.6	Flow T°	96	
Below Rotary	elow Rotary Hrs. 24.00 Percent Slide: 4.10				4.10	Chlori	des	1250	WL	5.2			Oil %	0	
		PERSON	INEL			CASING							BH	IA	
Lead Direction	al:	KEN	THIBODE	AUX		Size Lb/ft Set Depth					th	BHA # 4:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC,			
Second Direct	ional :	Darir	Fox									NMDC, x/o DP - 50 its	, DP - 108 jts 54 25 std's		
MWD Operator	1	JARE	D CONVE	RSE								310 3, 11441	DI 00 Jt3	20 510 5, ,	
MWD Operator	' 2														
Directional Co	Directional Company: Great White Directional Services, LLC										L				
Geologist:	Geologist:				Sign	ature	:								
Company Man	Company Man: George Url]									
Incl. In:		Azm. In:	0	Incl. Out:	0	Azm	ı. Qut	: 0							

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Dec-11	00:00	00:05	0.08	7735	7735	Survey & Conn.	Survey & Conn.
3-Dec-11	00:05	00:55	0.83	7735	7768	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
3-Dec-11	00:55	01:00	0.08	7768	7768	Survey & Conn.	Survey & Conn.
3-Dec-11	01:00	02:05	1.08	7768	7800	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
3-Dec-11	02:05	02:15	0.17	7800	7800	Survey & Conn.	Survey & Conn.
3-Dec-11	02:15	03:00	0.75	7800	7808	Sliding	Sliding - (WOB:20;GPM :257;TFO:10)
3-Dec-11	03:00	03:15	0.25	7808	7833	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	03:15	03:25	0.17	7833	7833	Survey & Conn.	Survey & Conn.
3-Dec-11	03:25	03:50	0.42	7833	7865	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	03:50	04:00	0.17	7865	7865	Survey & Conn.	Survey & Conn.
3-Dec-11	04:00	04:25	0.42	7865	7898	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	04:25	04:35	0.17	7898	7898	Survey & Conn.	Survey & Conn.
3-Dec-11	04:35	05:30	0.92	7898	7930	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	05:30	05:35	0.08	7930	7930	Survey & Conn.	Survey & Conn.
3-Dec-11	05:35	07:30	1.92	7930	7930	Circulating	Circ bottoms up TD
3-Dec-11	07:30	12:30	5.00	7930	7930	РООН	POOH
3-Dec-11	12:30	13:30	1.00	7930	7930	Other	Lay down DIR tools

Daily Report for JOB#: 03328-432-22 - Page 1 of 2

WinSERVE II Daily Report License: NP1336

Date	Start Time	End Time	Hours	Start Depth	Depth	Code	COMMENT
3-Dec-11	13:30	24:00	10.50	7930	7930	Other	Load truck/travel home

BHA's & Slide/Rotate Reports

BHA#

6 W

1

Archer

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH

COUNTY: DUCHESNE

WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S

SECT. RANGE: 6

Lead DD: KEN THIBODEAUX

Co. Man: George Urban

BHA TYPE: Steerable Assembly

.00

BHA Summary Information 5.67 Start Depth TIME IN - OUT **Rotary Hours** 3851.00 RPM Flow Rate Start Time | End Time | Circ Hrs Tot/Only 4951.00 Range 34.67 / 2.75 End Depth 26.25 Percent Rotary: 30.18 Slide Hours 28-Nov-11 24-Nov-11 0 - 4800 -60 @ 19:45 @ 01:45 **Below Rotary Hrs.** 74.83 Percent Slide: 69.82 1100.00 Avg. Total ROP: 34.46 Incl. Azimuth **Total Drilled:** Total Rotary Drilled: 332.00 Avg. Rotary ROP: 58.59 IN OUT IN OUT 271.02 768.00 Avg. Slide ROP: **Total Drilled Sliding:** 29.26 86.4 .00

SPF) 0	-240	00 '	We	ight	S	SO	0 -980	000 F	ס טי	-111000	RAB	-103000	Re	easo	n PC	ЮН		
		E	Bit D	at	<u>а</u>				MC	OTOR	DATA	4			M	ud I	Data	l	
SDI		Bit fo	x55m					Moto	or 7/8 5.7				Тур	e da	ар		···		
Тур	e Bit				PDC			Mode	el: XT 1	000		Pad OI	wT	9.35	GA	s (0 S c	olids	, 7
T	FA		0.981			, 		MFG	. GWE)		7	Vis	49	SAI	ND 0.	35 1	Г°	104
	JETS		16	16	16	16	16	Bend	1° 2.1	2 Stat	or/Rotor	7/8	PV	22	PH	11 C	Chlor		950
1 '	JEI	•	0	0	0	0	0	Bit to	Bend	5.4	Motor Dif	f 200) YP	10	WL	9.2 C	Oil %		0
	Bit C	odin	g	1	ADC	#		Rev/	GAL	0.24							BHT		117.5
IR	ÓP	DL	Loc	В	9	G	ODL	NB S	itah	0	PUN			UMP	<u>'1</u>		Pl	UMF	1
In	Un	DE	LUC		<u> </u>	<u> </u>	<u> </u>	1	Mab	U		NAME							
3	3					- 1		Roto	r Jet	0		Model							
	Bit D	rop:	20	6 PS	1@4	80 G	PM	5	Sensor O	ffsets		Type							
		• <u>.</u>				Sens	sor	47	Sonic	0		Liner	4.1	.00				.00	
1 (ÇOI	mn	ner	1ts	S	Gam	nma	42	DNSC	0		Stroke		.00				.00	
1					_			_	0)(50		Effi	concy	100	00				ດດ	

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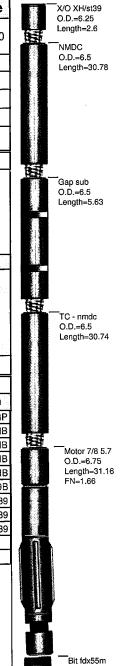
GYRO

Restiv

		BH#	Detail				
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit fdx55m	11690186		8.75	1.00	1.00	4 1/2 REGP
2	Motor 7/8 5.7	650487		6.75	31.16	32.16	4 1/2 XHB
3	TC - nmdc	65230	2.875	6.5	30.74	62.90	4 1/2 XHB
4	Gap sub	1005	3.125	6.5	5.63	68.53	4 1/2 XHB
5	NMDC	65229	2.875	6.5	30.78	99.31	4 1/2 XHB
6	X/O XH/st39	0010	2.75	6.25	2.60	101.91	XT 39B
7	DP 10std's 20its	1	2.25	5	647.01	748.92	XT 39
8	HWDP 25std's 50jts		2.25	5	1,539.92	2288.84	XT 39
9	DP 47 its 23 + 1 std's		2.25	5	1,520.98	3809.82	XT 39
10					0.00	3809.82	
11					0.00	3809.82	
-							

Efficency

.00



O.D.=8.75 Length=1

BHA#

6 W

2

Archer

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH

COUNTY: DUCHESNE

WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S

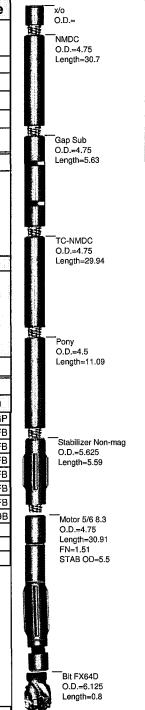
SECT. RANGE: 6

Lead DD: KEN THIBODEAUX Co. Man: George Urban

BHA TYPE: Steerable Assembly

							1	ВН	A Sun	nn	nary	In	fori	mati	on									
	TIN	E IN	1 - 0	UT		Ro	tary	Но	urs	Т	3	3.00	Sta	rt De	pth			5	007	7.00	R	PM	Flo	w
Sta	ırt Ti	me	End	iT t	me	Ciı	c Hı	's T	ot/Only	/	4.33 /	1.33	End	d Dep	oth			5	068	3.00	Ra	inge	Ra	ıte
28	3-Nov-	11	28-	Nov-	-11	Sli	de F	loui	'S			.00	Per	cent	Rot	ar	y:		100	00.0	60	-60	22	
	@ 01:4			22:		Ве	low	Rot	ary Hr	s.	20	0.75	Per	cent	Slic	de:	:			.00	60	00-0	-2	20
Tot	al D	rille	d:				61.	.00	Avg. To	tal	ROP):		20.33		nc	l.			Α	zin	nuth		
Tot	al R	otar	y Dr	ille	d:		61.	.00	lvg. Ro	tar	y RO	P:		20.33	IN		DUT		I	N		(DUT	
Tot	al D	rille	d Sli	din	g:				Avg. Sli	de	ROP:	:		NA	86.	4	91.8		271	1.02		2	64.69)
SPI	P 150	00 -1	500	We	ighl	s	so	980 -980		PU		1100 1100		RAB	103 -103	000	R	eas	on	PC	OOI	1	PR	
		E	3it C	ata	a					ЭT	OR	D٨	TA	١				M	Иu	d I	Dat	ta		
Secu	ırity	Bit F	X64D					Mot	tor 5/6 8.3	3					T	уp	e d	ар						
Тур	e Bil				PDC			Mod	del: 5683	 3			. 1	Pad Ol) V	VT	9.3	5 G	AS		0	Solid	s	7
T	FA		1.086		FDC	,		MF	a. Grea	at W	Vhite			5	v	'is	49	S	AN	D 0.	35	T°	10	04
	IETC	`	16	16	16	16	14	Ber	nd ° 1.	.5	Stato	r/Ro	tor	5/6	F	٧	22	РΗ	l 1	1 (Chlo	or	950)
	JETS	•	14	0	0	0	0	Bit ·	to Bend		4.4	Moto	or Diff	125	i Y	P	10	WL	_ 9.	.2 (Oil 9	%	0	
	Bit C	odir	ıg	1.	ADC	#	434	Rev	/GAL		1.1								*		<u> </u>	<u> 1T°l</u>	117.	5
IR	OR	DL	Loc	В	s	G	ODL	NB	Stab	5	.625	L	PUMI	PS IAME	Page 1	P	UMF	21_	ii		*****	PUM	P1	<u> 1000</u>
1	2		s		1.	01		Rot	or Jet		0	H		lodel										
	Bit D	rop:	35	DSI	@ 22	20 GF	M	T	Sensor C	Offse	ets			Туре										
						Sens	sor	62	Sonic		0			Liner			.00					.00		
(Coi	mn	nei	nts	5	Gan		58	DNSC		0	$oxed{oxed}$	_	troke			.00					.00		
						Res	iv	0	GYRO		0	<u> </u>	Fillo	ency	mini.	iiga	.00	<u> </u>			<u> </u>	.00	1	<u> </u>

		BHA	Detail				
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 5/6 8.3	500002		4.75	30.91	31.71	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	37.30	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	48.39	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	78.33	3 1/2 IFB
6	Gap Sub	10012044	2.75	4.75	5.63	83.96	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	114.66	3 1/2 IFB
8	x/o	kp9695			3.05	117.71	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3609.91	
10	HWDP - 50 jts 25 std's				1,539.92	5149.83	
11					0.00	5149.83	



BHA#

3

Archer

Comments

Sensor

Gamma

Restiv

35 PSI @ 220 GPM

Bit Drop:

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH

COUNTY: DUCHESNE

WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S

SECT. RANGE: 6

6 W

Lead DD: KEN THIBODEAUX

Co. Man: George Urban

.00

.00

.00

BHA TYPE: Steerable Assembly

									W	ELL r	NAME:	LC.	12H-	6-56								
							I	BH	IA S	umi	mary	ı In	for	mati	on							
	TIM	E IN	1-0	UT		Ro	tary	Н	ours		2	6.17	Sta	art De	pth			5068.	00	RP	M	Flow
Sta	rt Ti	me	End	d Tir	ne	Cir	c Hr	's T	Γot/C	nly	45.58 /	4.00	En	d Dep	oth			6675.	00	Ran	ge	Rate
28-	-Nov-	11	01-	Dec-1	1	Sli	de H	lou	ırs		1	5.42	Ре	rcent	Rot	ary:		82.	14	0 -6		200
@	22:3	30	@	13:0	0	Be	low	Ro	tary	Hrs.	6	2.50	Ре	rcent	Slid	e:		17.	86	L	,0	-220
Tota	al Di	rille	d:				607.	.00	Αvg.	Tota	I ROF):		38.65	lr	ncl.			Α	zimu	ıth	
Tota	al Ro	otar	y Dri	illed	\equiv	1	320.	.00	Avg.	Rota	ry RO	P:		50.45	IN	OU.	Γ	<u>IN</u>	<u> </u>	\perp		UT
Tota	al Di	rille	d Sli	ding	j:		287.			Slide	ROP			18.62	4			264.	69		27	'1.28
SPP	110	00 -1	500	Wei	ght	s s	so		5000 8000	Pl		09000 11100		RAB	990 -103		lea	son	PC	ЮН		DMF
		E	Bit C)ata						MO	TOR	DΑ	\T#	4				Mud	1 t	Data]	
Secur	rity	Bit F	X64D					7/8	8 3.8						T	уре	gel/d	chem				
Туре	e Bit				DC			М	odel: 7	7838	_			Pad OI) W	T 9.1	6 (GAS	(0 S c	olid	s 5.8
TI	FA		1.086					М	FG. (GWD				5.09	v	is 4:	2 \$	SAND	0.	35	Г°	96
	IETC	,	16	16	16	16	14	Вє	end °	1.5	State	or/Rot	tor	7/8	P	V 15	P	H 9.6	6 C	Chlor		1300
'	JETS		14	0	0	0	0	Bi	t to Be	nd	5	Moto	or Diff	300) Y	P 10	W	L 7.6	3 C	Oil %		0
E	3it C	odin	g	IA	DC#			Re	v/GAL	-	0.51	_		.DO 1		D1 12 2	-		1	BHT		125
IR	OR	DL	Loc	BS	T	G (ODL	NE	3 Stab	:	5.625	<u> </u>	PUM	IPS NAME	<u></u>	PUM	۲1			P(UMI	<u>'1</u>
2	2		Α		7.0)1		Ro	otor Je	t	0			Model								

Type

Liner

Stroke

Efficency

.00

.00

.00

		BHA	Detail				
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 7/8 3.8	475040		4.75	25.99	26.79	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	32.38	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	43.47	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	73.41	3 1/2 IFB
6	Gap Sub	1002044	2.75	4.75	5.63	79.04	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	109.74	3 1/2 IFB
8	x/o	kp9695			3.05	112.79	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3604.99	
10	HWDP - 50 jts 25 std's				1,539.92	5144.91	
11	<u></u>				0.00	5144.91	

57

53

0

Sensor Offsets

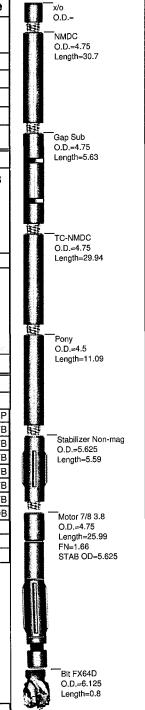
0

0

Sonic

DNSC

GYRO



BHA#

4

6 W

Archer

0

Bit Drop:

Comments

47 PSI @ 257 GPM

Sensor

Gamma

Restiv

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH

COUNTY: DUCHESNE

WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S

.00

.00

.00

SECT. RANGE: 6

Lead DD: KEN THIBODEAUX

Co. Man: George Urban

BHA TYPE: Steerable Assembly

							VV	ELL I	ANIVIE	: LC	120-0	5-56					_	
					E	3H	A S	umı	mary	/ In	for	mati	on					
TIME IN	1 - 0	UT		Rot	ary	Но	urs		2	1.92	Sta	rt De	pth		6675.0	00	RPM	Flow
Start Time	End	l Tin	ne	Circ	Hr	s T	ot/O	nly	32.17	/ 2.50	En	d Dep	oth		7930.0	00 F	lange	Rate
01-Dec-11	03-	Dec-1	1	Slic	le H	ou	rs			7.75	Pei	rcent	Rota	ary:	89.6	64	0 -60	220
@ 13:00	@	24:0	o [Bel	ow l	Ro	tary	Hrs.	5	9.00	Pei	rcent	Slide	e:	10.3	36	0 -00	-257
Total Drille	d:			1	255.	00	Avg.	Tota	I ROF	P:		42.30		cl.		Azi	muth	
Total Rotar	y Dr	illed	: [1	125.	00	Avg.	Rota	ry RC	P:		51.33	IN	OUT	IN		<u> </u>	UT
Total Drille	d Sli	ding): [130.			Slide	ROP			16.77			271.:	28	26	9.09
SPP 1100 -1	452	Wei	ghts	\$ S	0		000	Ρl		109000 10900		RAB	9900 -9900		eason	POC	H	
	3it C	ata	l				, 1	MO.	TOR	DA	ΛTΑ	1			Muc	l Da	ata	
Security Bit F	X64D					7/8	3.8 ST	ΓAGE					Ту	/pe g	el/chem			
Type Bit			DC			Мо	del: 7	/8 3.8	3			Pad OI) W	T 9.16	GAS	0	Solid	s 5.6
TFA	1.086		טע			MF	G. G	REA	T WHI	TE		5	Vi	s 52	SAND	0.5	T°	96
IETC	16	16	16	16	14	Be	nd °	1.5	State	or/Rot	tor	7/8	P۱	/ 22	PH 9.6	Ch	lor	1250
JETS	14	0	0	0	0	Bit	to Ber	nd	4.6	Moto	or Diff		YF	1 6	WL 5.2	Oil	۱% ِ	0
Bit Codir	ng	IA	DC#			Re	v/GAL		0.51				<u> </u>	D1 1941		LE	3HT°I	125
IR OR DL	Loc	BS	G	1	DL	NB	Stab		5.625	F	MUS	PS		PUMI	71	- 3	PUME	' 1
				+-		1_			_	-		AVIAIC						

0

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Model

Type

Liner

Stroke

Efficency

.00

.00

.00

Rotor Jet

54

50

0

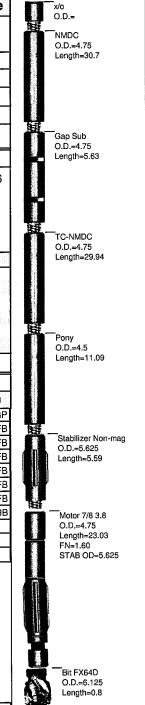
Sensor Offsets

Sonic

DNSC

GYRO

		BHA	Detail				
#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 7/8 3.8	475098		4.75	23.03	23.83	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	29.42	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	40.51	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	70.45	3 1/2 IFB
6	Gap Sub	1002044	2.75	4.75	5.63	76.08	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	106.78	3 1/2 IFB
8	x/o	kp9695			3.05	109.83	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3602.03	
10	HWDP - 50 its 25 std's				1,539.92	5141.95	
11	<u></u> -			1	0.00	5141.95	



JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH
COUNTY: Country

WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S Range 6 W

MOTOR INFORMATION

Desc: Motor 7/8 5.7

Bent Hsg/Sub: $\frac{2.1}{2}$ / $\frac{2.1}{2}$ Bit to Bend: 5.4

Pad OD: 7

NB Stab:

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

			10.00					T				2.2			1	I	T	T 1	· · · · · · · · · · · · · · · · · · ·
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	25-Nov	Drilling	01:45	02:10	0.42	3851	3885	34		81.6	0	0				0.00	0.00	0.00	
1	25-Nov	Sliding	02:10	03:15	1.08	3885	3910	25		23.1	0	0	400	ļ	270	0.00	0.00	0.00	
1	25-Nov	Drilling	10:45	11:20	0.58	3910	3949	39	15	66.9	60	0	400	1800		0.00	0.00	0.00	
1	25-Nov	Drilling	11:20	11:55	0.58	3949	3982	33	15	56.6	60	0	400	1800		0.00	0.00	0.00	
1	25-Nov	Drilling	12:00	13:10	1.17	3982	4078	96	15	82.3	60	0	400	1800		3.16	252.30	3.73	
1	25-Nov	Sliding	13:15	14:15	1.00	4078	4092	14		14.0	60	0	400	1800	270	3.60	253.44	0.46	
1	25-Nov	Drilling	14:15	14:25	0.17	4092	4110	18	15	108.0	60	0	400	1800		3.60	253.44	0.46	
1	25-Nov	Sliding	14:45	15:55	1.17	4110	4143	33		28.3	60	0	400	1800	270	3.69	256.17	0.61	
1	25-Nov	Sliding	16:05	16:50	0.75	4143	4176	33		44.0	60	0	400	1800	270	5.32	265.22	5.37	
1	25-Nov	Sliding	16:55	17:40	0.75	4176	4203	27		36.0	60	0	400	1800	10	8.13	269.61	8.65	
1	25-Nov	Drilling	17:40	17:50	0.17	4203	4208	5	15	30.0	60	0	400	1800		8.13	269.61	8.65	
1	25-Nov	Sliding	17:55	18:45	0.83	4208	4240	32		38.4	60	0	400	1800	10	11.65	272.69	11.12	
1	25-Nov	Sliding	19:00	19:55	0.92	4240	4273	33		36.0	60	0	400	1800	-10	11.65	14.68	11.12	
1	25-Nov	Sliding	20:00	21:00	1.00	4273	4305	32		32.0	60	0	400	1800	-10	17.71	275.33	9.19	
1	25-Nov	Sliding	21:05	22:05	1.00	4305	4338	33		33.0	60	0	400	1800	-10	20.96	275.77	10.17	
1	25-Nov	Sliding	22:10	23:15	1.08	4338	4370	32		29.5	60	0	400	1800	-20	24.70	276.21	11.35	
1	25-Nov	Sliding	23:20	24:00	0.67	4370	4389	19		28.5	60	0	400	1800	-20	26.21	275.86	10.99	
1	26-Nov	Sliding	00:00	00:30	0.50	4389	4403	14		28.0	60	0	400	1800	-20	26.21	275.86	10.99	
1	26-Nov	Sliding	00:35	01:20	0.75	4403	4436	33	;	44.0	60	0	400	1800	-20	31.99	275.33	11.47	
1	26-Nov	Sliding	01:25	02:25	1.00	4436	4468	32	:	32.0	60	0	400	1800	-20	36.08	274.71	12.44	
1	26-Nov	Sliding	02:30	03:10	0.67	4468	4500	32		48.0	60	0	400	1800	-20	39.95	273.83	12.21	
1	26-Nov	Sliding	03:15	04:10	0.92	4500	4533	33		36.0	60	0	400	1800	-20	44.03	272.95	12.88	
1	26-Nov	Sliding	04:15	05:00	0.75	4533	4560	27		36.0	60	0	400	1800		47.81	271.46	11.90	
1	26-Nov	Sliding	05:05	05:45	0.67	4560	4588	28	:	42.0	60	0	400	1800		51.90	270.85	13.28	
1	26-Nov	Drilling	05:45	05:55	0.17	4588	4596	8	15	48.0	60	0	400	1800		51.90	270.85	13.28	
1	26-Nov	Sliding	06:00	06:30	0.50	4596	4621	25	;[50.0	60	0	400	1800	10	55.77	270.49	12.13	

WinSERVE II BHA SLIDE REPORT NP1336

Slide Report for JOB# :03328-432-22 - Page 1 of 2

S	ide Re	port fo	or Bh	IA#	1		,					Note:	Survey	s listed a	are inter	polated	from the	e actual	surveys
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	26-Nov	Drilling	06:30	06:40	0.17	4621	4629	8	15	48.0	60	0	400	1800		55.77	270.49	12.13	
1	26-Nov	Sliding	06:45	07:40	0.92	4629	4654	25		27.3	60	0	400	1800	10	59.06	270.76	9.99	
1	26-Nov	Drilling	07:40	07:50	0.17	4654	4661	7	15	42.0	60	0	400	1800		59.06	270.76	9.99	
1	26-Nov	Sliding	07:55	10:00	2.08	4661	4688	27		13.0	60	0	400	1800	10	61.61	270.49	8.00	
1	26-Nov	Drilling	10:00	10:10	0.17	4688	4693	5	15	30.0	60	0	400	1800	į	61.61	270.49	8.00	
1	26-Nov	Sliding	10:40	12:20	1.67	4693	4723	30		18.0	60	0	400	1800	10	64.34	271.20		
1	26-Nov	Drilling	12:20	12:25	0.08	4723	4726	3	15	36.0	60	0	400	1800			271.20		
1	26-Nov	Sliding	12:55	13:40	0.75	4726	4758	32		42.7	60	0	400	1800	-10		272.08		
1	26-Nov	Drilling	13:50	14:05	0.25	4758	4767	9	15	36.0	60	0	400	1800		71.10		1	
1	26-Nov	Sliding	14:05	14:35	0.50	4767	4785	18		36.0	60	0	400	1800	-10	71.10	271.99	ļ [
1	26-Nov	Drilling	14:35	14:50	0.25	4785	4791	6	15	24.0	60	0	400	1800]	71.10		l 1	
1	26-Nov	Sliding	15:00	15:30	0.50	4791	4806	15	20	30.0	0	0	480	2400	-10	74.58	271.11		
1	26-Nov	Drilling	15:30	16:05	0.58	4806	4823	17	15	29.1	60	0	400	2400		74.58	271.11		
1	26-Nov	Sliding	16:15	16:40	0.42	4823	4833	10	20	24.0	60	0	480	2400	360	78.00	270.58	1	
1	26-Nov	Drilling	16:40	16:55	0.25	4833	4855	22	15	88.0	60	0	400	2400		78.00	270.58		
1	26-Nov	Sliding	17:05	17:55	0.83	4855	4870	15	20	18.0	60	0	480	2400	360	79.80	269.35	1 1	
1	26-Nov	Drilling	17:55	18:15	0.33	4870	4887	17	15	51.0	60	0	400	2400		79.80	269.35		
1	26-Nov	Sliding	18:20	19:25	1.08	4887	4919	32	20	29.5	0	0	480	2400	360	80.82	269.70	·	
1	26-Nov	Sliding	19:35	21:05	1.50	4919	4946	27	20	18.0	0	0	480	2400	360	82.88	269.70		
1	26-Nov	Drilling	21:05	21:15	0.17	4946	4951	5	15	30.0	60	0	400	2400		82.88	269.70	6.24	

Total Drilled: 1100 Avg.

00 Avg. Total ROP: 34.46

DEPTH% - TIME %

Total Rotary Drilled:

332 Avg. Rotary ROP:

58.59

Percent Rotary: 30.18 - 17.75

Total Drilled Sliding:

768 Avg. Slide ROP:

29.26

Percent Slide: 69.82 - 82.25

JOB NO.:

03328-432-22

Company:

Berry Petroleum CO.

LOCATION:

LAKE CANYON

RIG NAME:

PATTERSON #779

STATE:

UTAH

COUNTY:

Country

WELL NAME:

LC 12H-6-56

FIELD:

LAKE CANYON

Township:

5 S

Range

6 W

MOTOR INFORMATION

Desc: Motor 5/6 8.3

Bent Hsg/Sub: 1.5 / 0

Bit to Bend: 4.4

Pad OD: 5

NB Stab:

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

2.15		many company of the contract o																	
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	28-Nov	Drilling	13:00	15:05	2.08	5007	5038	31	15	14.9	60	0	220	1500		86.44	271.02	11.86	
2	28-Nov	Drilling	15:10	16:05	0.92	5038	5068	30	15	32.7	60	0	220	1500		91.54	264.87	11.25	

Total Drilled:

61 Avg. Total ROP:

20.33

DEPTH% - TIME %

Total Rotary Drilled:

61 Avg. Rotary ROP:

20.33

Percent Rotary: 100.00 - 100.00

Total Drilled Sliding:

0 Avg. Slide ROP:

NA

Percent Slide:

.00 - .00

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779
STATE: UTAH

STATE: UTAH
COUNTY: Country

WELL NAME: LC 12H-6-56

FIELD: LA

LAKE CANYON

Township:

Range 6 W

MOTOR INFORMATION

Desc: 7/8 3.8

Bent Hsg/Sub: 1.5 / 1.5 Bit to Bend: 5
Pad OD: 5.09 NB Stab: 5 5/8

Note: Surveys listed are interpolated from the actual surveys

5 S

Slide Report for BHA # 3

IGE IIC	POILI	J1 171		J											•			
Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
29-Nov	Drilling	04:30	06:00	1.50	5068	5094	26	15			0	220	1500		91.80	264.69	1.05	
29-Nov	Sliding	06:05	06:45	0.67	5094	5106	12	18	18.0	60	0	200	1100	140	92.42	265.13	2.45	
29-Nov	Drilling	06:45	07:05	0.33	5106	5126	20	15	60.0	60	0	220	1100		92.42	265.13	2.45	
29-Nov	Drilling	07:10	07:55	0.75	5126	5156	30	15	40.0	60	0	220	1100		92.55	265.04	0.49	
29-Nov	Drilling	08:00	08:45	0.75	5156	5188	32	15	42.7	60	0	220	1100		91.41	265.66	4.33	
29-Nov	Sliding	08:50	09:35	0.75	5188	5198	10	18	13.3	60	0	200	1100	10	90.92	266.36	2.67	
29-Nov	Drilling	09:35	09:55	0.33	5198	5218	20	15	60.0	60	0	220	1100		90.92	266.36	2.67	
29-Nov	Drilling	10:00	10:25	0.42	5218	5251	33	15	79.2	60	0	220	1100		91.36	266.19	1.57	
29-Nov	Drilling	10:30	11:05	0.58	5251	5283	32	15	54.9	60	0	220	1100		92.50	266.54	3.61	
29-Nov	Sliding	11:10	11:45	0.58	5283	5291	8	18	13.7	60	0	200	1100	180	94.22	267.33	5.91	
29-Nov	Drilling	11:45	12:05	0.33	5291	5315	24	15	72.0	60	0	220	1100		94.22	267.33	5.91	
29-Nov	Drilling	12:10	12:35	0.42	5315	5348	33	15	79.2	60	0	220	1100		93.99	266.71	2.06	
29-Nov	Sliding	12:40	13:00	0.33	5348	5354	6	18	18.0	60	0	200	1100	}	91.63	265.66	7.83	
29-Nov	Drilling	13:00	13:30	0.50	5354	5381	27	15	54.0	60	0	220	1100		91.63	265.66	7.83	
29-Nov	Sliding	13:35	13:45	0.17	5381	5387	6	18	36.0	0	0	200	1100	ļ	90.62	265.40	3.16	
29-Nov	Drilling	13:45	14:15	0.50	5387	5413	26	15	52.0	60	0	220	1100		90.62	265.40	3.16	
29-Nov	Drilling	14:25	15:10	0.75	5413	5445	32	15	42.7	60	0	220	1100	ļ	92.02	1	1	
29-Nov	Sliding	15:15	15:35	0.33	5445	5450	5	18	15.0	0	0	200	1100	175	93.65			
29-Nov	Drilling	15:35	16:05	0.50	5450	5477	27	15	54.0	60	0	220	1100		93.65	265.66		
29-Nov	Drilling	16:10	16:45	0.58	5477	5509	32	15	54.9	60	0	220	1100		92.29	264.61		
29-Nov	Sliding	16:50	17:15	0.42	5509	5517	8	18	19.2	0	0	200	1100	65	90.00	1		
29-Nov	Drilling	17:15	17:40	0.42	5517	5541	24				0	220	1100		90.00	263.11		
29-Nov	Sliding	18:15	19:00	0.75	5541	5557	16			1	0	200		45				
29-Nov	Drilling	19:00	19:15	0.25	5557	5578	21	1		60	0	220	1100					
29-Nov	Sliding	19:25	19:55	0.50	5578	5581		1		0	0	200	İ	65	1			
29-Nov	Drilling	19:55	20:25	0.50	5581	5606	25	15	50.0	60	0	220	1100		91.41	264.69	8.16	
	29-Nov 29-Nov	Date Drill Mode 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Drilling 29-Nov Sliding 29-Nov Drilling 29-Nov Sliding 29-Nov Sliding 29-Nov Drilling 29-Nov Sliding 29-Nov Sliding 29-Nov Sliding 29-Nov Sliding 29-Nov Sliding	Date Drill Mode Start Time 29-Nov Drilling 04:30 29-Nov Sliding 06:05 29-Nov Drilling 06:45 29-Nov Drilling 07:10 29-Nov Drilling 08:00 29-Nov Sliding 08:50 29-Nov Drilling 10:00 29-Nov Drilling 10:30 29-Nov Drilling 11:45 29-Nov Drilling 12:10 29-Nov Drilling 12:40 29-Nov Drilling 13:35 29-Nov Drilling 13:35 29-Nov Drilling 13:45 29-Nov Drilling 15:15 29-Nov Drilling 15:35 29-Nov Drilling 16:50 29-Nov Sliding 17:15 29-Nov Sliding 18:15 29-Nov Drilling 17:15 29-Nov Sliding 18:15 <td< td=""><td>Date Drill Mode Start Time End Time 29-Nov Drilling 04:30 06:00 29-Nov Sliding 06:05 06:45 29-Nov Drilling 06:45 07:05 29-Nov Drilling 08:00 08:45 29-Nov Drilling 08:50 09:35 29-Nov Drilling 09:35 09:55 29-Nov Drilling 10:00 10:25 29-Nov Drilling 10:30 11:05 29-Nov Drilling 11:45 12:05 29-Nov Drilling 11:45 12:05 29-Nov Drilling 12:40 13:00 29-Nov Sliding 13:35 13:45 29-Nov Drilling 13:35 13:45 29-Nov Drilling 14:25 15:10 29-Nov Drilling 15:15 15:35 29-Nov Drilling 15:15 15:35 29-Nov Drilling 16:50</td><td>Date Mode Time Time Hours 29-Nov Drilling 04:30 06:00 1.50 29-Nov Sliding 06:05 06:45 0.67 29-Nov Drilling 06:45 07:05 0.33 29-Nov Drilling 08:00 08:45 0.75 29-Nov Drilling 08:50 09:35 0.75 29-Nov Drilling 10:00 10:25 0.42 29-Nov Drilling 10:30 11:05 0.58 29-Nov Drilling 10:30 11:45 0.58 29-Nov Drilling 11:45 12:05 0.33 29-Nov Drilling 11:45 12:05 0.33 29-Nov Drilling 12:10 12:35 0.42 29-Nov Drilling 12:40 13:00 0.33 29-Nov Drilling 13:35 13:45 0.17 29-Nov Drilling 13:45 14:15 0.50 <td>Date Drill Mode Start Time End Time Hours Start MD 29-Nov Drilling 04:30 06:00 1.50 5068 29-Nov Sliding 06:05 06:45 0.67 5094 29-Nov Drilling 06:45 07:05 0.33 5106 29-Nov Drilling 08:00 08:45 0.75 5126 29-Nov Drilling 08:50 09:35 0.75 5188 29-Nov Drilling 09:35 09:55 0.33 5198 29-Nov Drilling 10:00 10:25 0.42 5218 29-Nov Drilling 10:30 11:05 0.58 5251 29-Nov Drilling 11:45 12:05 0.33 5291 29-Nov Drilling 12:40 13:00 0.33 5348 29-Nov Drilling 13:30 0.50 5354 29-Nov Drilling 13:45 14:15 0.50 5387</td></td></td<> <td>Date Drill Mode Start Time End Time Hours Start MD End MD 29-Nov Drilling 04:30 06:00 1.50 5068 5094 29-Nov Drilling 06:05 06:45 0.67 5094 5106 29-Nov Drilling 06:45 07:05 0.33 5106 5126 29-Nov Drilling 07:10 07:55 0.75 5126 5156 29-Nov Drilling 08:00 08:45 0.75 5156 5188 29-Nov Drilling 09:35 09:35 0.75 5188 5198 29-Nov Drilling 10:00 10:25 0.42 5218 5251 29-Nov Drilling 10:30 11:05 0.58 5251 5283 29-Nov Drilling 11:45 12:05 0.33 5291 5315 29-Nov Drilling 12:40 13:00 0.33 5348 5354 29-Nov</td> <td>Date Drill Mode Start Time End Time Hours Start MD End MD Depth Drilled 29-Nov Drilling 04:30 06:00 1.50 5068 5094 26 29-Nov Drilling 06:05 06:45 0.67 5094 5106 12 29-Nov Drilling 06:45 07:05 0.33 5106 5126 20 29-Nov Drilling 08:00 08:45 0.75 5126 5156 30 29-Nov Drilling 08:00 08:45 0.75 5156 5188 32 29-Nov Drilling 08:50 09:35 0.75 5188 5198 10 29-Nov Drilling 10:00 10:25 0.42 5218 5251 33 29-Nov Drilling 10:30 11:05 0.58 5251 5283 32 29-Nov Drilling 11:45 12:05 0.33 5291 5315 24</td> <td>Date Drill Mode Start Time End Time Hours Start MD End MD Depth Drilled WOB 29-Nov Drilling 04:30 06:05 06:45 0.67 5068 5094 26 15 29-Nov Drilling 06:45 07:05 0.33 5106 5126 20 15 29-Nov Drilling 07:10 07:55 0.75 5126 5156 30 15 29-Nov Drilling 08:00 08:45 0.75 5156 5188 32 15 29-Nov Drilling 08:50 09:35 0.75 5188 5198 10 18 29-Nov Drilling 09:35 09:55 0.33 5198 5218 20 15 29-Nov Drilling 10:00 10:25 0.42 5218 5251 33 15 29-Nov Drilling 11:10 11:45 0.58 5283 5291 8 18 <t< td=""><td> Date Drill Start Fine Hours Start MD Depth MD Drilled WOB ROP </td><td> Date Drill Mode Time Time Hours Start MD Depth d><td> Date Drill Mode Start Find Hours Start MD MD Drilled WOB ROP RPM Surf. Torque </td><td> Date Drill Mode Time End Hours Start MD Depth Depth MD Depth /td><td> Date Drill Mode Time Time Hours Start MD Drilled WOB ROP RPM Surf. Flow Rop /td><td> Date Drilling Odd Claim Clai</td><td> Date Drill Mode Time Hours Start Mode MD MD Drilled WOB ROP RPM Torque Rate SPP TFO INC </td><td> Date Drilling Od-30 Od</td><td> Date Drill Start End Hours Start MD MD Drilled WOB ROP RPM Surf. Flow Rate SPP TFO INC AZM DLS </td></t<></td>	Date Drill Mode Start Time End Time 29-Nov Drilling 04:30 06:00 29-Nov Sliding 06:05 06:45 29-Nov Drilling 06:45 07:05 29-Nov Drilling 08:00 08:45 29-Nov Drilling 08:50 09:35 29-Nov Drilling 09:35 09:55 29-Nov Drilling 10:00 10:25 29-Nov Drilling 10:30 11:05 29-Nov Drilling 11:45 12:05 29-Nov Drilling 11:45 12:05 29-Nov Drilling 12:40 13:00 29-Nov Sliding 13:35 13:45 29-Nov Drilling 13:35 13:45 29-Nov Drilling 14:25 15:10 29-Nov Drilling 15:15 15:35 29-Nov Drilling 15:15 15:35 29-Nov Drilling 16:50	Date Mode Time Time Hours 29-Nov Drilling 04:30 06:00 1.50 29-Nov Sliding 06:05 06:45 0.67 29-Nov Drilling 06:45 07:05 0.33 29-Nov Drilling 08:00 08:45 0.75 29-Nov Drilling 08:50 09:35 0.75 29-Nov Drilling 10:00 10:25 0.42 29-Nov Drilling 10:30 11:05 0.58 29-Nov Drilling 10:30 11:45 0.58 29-Nov Drilling 11:45 12:05 0.33 29-Nov Drilling 11:45 12:05 0.33 29-Nov Drilling 12:10 12:35 0.42 29-Nov Drilling 12:40 13:00 0.33 29-Nov Drilling 13:35 13:45 0.17 29-Nov Drilling 13:45 14:15 0.50 <td>Date Drill Mode Start Time End Time Hours Start MD 29-Nov Drilling 04:30 06:00 1.50 5068 29-Nov Sliding 06:05 06:45 0.67 5094 29-Nov Drilling 06:45 07:05 0.33 5106 29-Nov Drilling 08:00 08:45 0.75 5126 29-Nov Drilling 08:50 09:35 0.75 5188 29-Nov Drilling 09:35 09:55 0.33 5198 29-Nov Drilling 10:00 10:25 0.42 5218 29-Nov Drilling 10:30 11:05 0.58 5251 29-Nov Drilling 11:45 12:05 0.33 5291 29-Nov Drilling 12:40 13:00 0.33 5348 29-Nov Drilling 13:30 0.50 5354 29-Nov Drilling 13:45 14:15 0.50 5387</td>	Date Drill Mode Start Time End Time Hours Start MD 29-Nov Drilling 04:30 06:00 1.50 5068 29-Nov Sliding 06:05 06:45 0.67 5094 29-Nov Drilling 06:45 07:05 0.33 5106 29-Nov Drilling 08:00 08:45 0.75 5126 29-Nov Drilling 08:50 09:35 0.75 5188 29-Nov Drilling 09:35 09:55 0.33 5198 29-Nov Drilling 10:00 10:25 0.42 5218 29-Nov Drilling 10:30 11:05 0.58 5251 29-Nov Drilling 11:45 12:05 0.33 5291 29-Nov Drilling 12:40 13:00 0.33 5348 29-Nov Drilling 13:30 0.50 5354 29-Nov Drilling 13:45 14:15 0.50 5387	Date Drill Mode Start Time End Time Hours Start MD End MD 29-Nov Drilling 04:30 06:00 1.50 5068 5094 29-Nov Drilling 06:05 06:45 0.67 5094 5106 29-Nov Drilling 06:45 07:05 0.33 5106 5126 29-Nov Drilling 07:10 07:55 0.75 5126 5156 29-Nov Drilling 08:00 08:45 0.75 5156 5188 29-Nov Drilling 09:35 09:35 0.75 5188 5198 29-Nov Drilling 10:00 10:25 0.42 5218 5251 29-Nov Drilling 10:30 11:05 0.58 5251 5283 29-Nov Drilling 11:45 12:05 0.33 5291 5315 29-Nov Drilling 12:40 13:00 0.33 5348 5354 29-Nov	Date Drill Mode Start Time End Time Hours Start MD End MD Depth Drilled 29-Nov Drilling 04:30 06:00 1.50 5068 5094 26 29-Nov Drilling 06:05 06:45 0.67 5094 5106 12 29-Nov Drilling 06:45 07:05 0.33 5106 5126 20 29-Nov Drilling 08:00 08:45 0.75 5126 5156 30 29-Nov Drilling 08:00 08:45 0.75 5156 5188 32 29-Nov Drilling 08:50 09:35 0.75 5188 5198 10 29-Nov Drilling 10:00 10:25 0.42 5218 5251 33 29-Nov Drilling 10:30 11:05 0.58 5251 5283 32 29-Nov Drilling 11:45 12:05 0.33 5291 5315 24	Date Drill Mode Start Time End Time Hours Start MD End MD Depth Drilled WOB 29-Nov Drilling 04:30 06:05 06:45 0.67 5068 5094 26 15 29-Nov Drilling 06:45 07:05 0.33 5106 5126 20 15 29-Nov Drilling 07:10 07:55 0.75 5126 5156 30 15 29-Nov Drilling 08:00 08:45 0.75 5156 5188 32 15 29-Nov Drilling 08:50 09:35 0.75 5188 5198 10 18 29-Nov Drilling 09:35 09:55 0.33 5198 5218 20 15 29-Nov Drilling 10:00 10:25 0.42 5218 5251 33 15 29-Nov Drilling 11:10 11:45 0.58 5283 5291 8 18 <t< td=""><td> Date Drill Start Fine Hours Start MD Depth MD Drilled WOB ROP </td><td> Date Drill Mode Time Time Hours Start MD Depth d><td> Date Drill Mode Start Find Hours Start MD MD Drilled WOB ROP RPM Surf. Torque </td><td> Date Drill Mode Time End Hours Start MD Depth Depth MD Depth /td><td> Date Drill Mode Time Time Hours Start MD Drilled WOB ROP RPM Surf. Flow Rop /td><td> Date Drilling Odd Claim Clai</td><td> Date Drill Mode Time Hours Start Mode MD MD Drilled WOB ROP RPM Torque Rate SPP TFO INC </td><td> Date Drilling Od-30 Od</td><td> Date Drill Start End Hours Start MD MD Drilled WOB ROP RPM Surf. Flow Rate SPP TFO INC AZM DLS </td></t<>	Date Drill Start Fine Hours Start MD Depth MD Drilled WOB ROP	Date Drill Mode Time Time Hours Start MD Depth Date Drill Mode Start Find Hours Start MD MD Drilled WOB ROP RPM Surf. Torque	Date Drill Mode Time End Hours Start MD Depth Depth MD Depth Date Drill Mode Time Time Hours Start MD Drilled WOB ROP RPM Surf. Flow Rop Date Drilling Odd Claim Clai	Date Drill Mode Time Hours Start Mode MD MD Drilled WOB ROP RPM Torque Rate SPP TFO INC	Date Drilling Od-30 Od	Date Drill Start End Hours Start MD MD Drilled WOB ROP RPM Surf. Flow Rate SPP TFO INC AZM DLS			

WinSERVE II BHA SLIDE REPORT NP1336

Slide Report for JOB# :03328-432-22 - Page 1 of 3

SI	ide Re	port fo	or Bh	IA#	3							Note:	Survey	s listed a	are inter	polated	from the	e actual	surveys
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
3	29-Nov	Sliding	20:30	21:00	0.50	5606	5616	10	15	20.0	60	0	220	1100	85	93.38	266.27		
3	29-Nov	Drilling	21:00	21:35	0.58	5616	5637	21	15	36.0	60	0	220	1100	85	93.38	266.27	7.65	
3	29-Nov	Sliding	21:40	22:20	0.67	5637	5649	12	15	18.0	ŀ	0	220	1100	90	94.09	266.80	1 .	
3	29-Nov	Drilling	22:20	22:55	0.58	5649	5670	21	15	36.0		0	220	1100	Ì	94.09	266.80	2.86	
3	29-Nov	Sliding	23:00	23:30	0.50	5670	5676	6	15	12.0		0	220	1100	165	94.83	268.12	4.58	
3	29-Nov	Drilling	23:30	24:00	0.50	5676	5703	27	24	54.0		0	220	1100		94.83	268.12	4.58	
3	30-Nov	Sliding	00:10	01:00	0.83	5703	5715	12	15	14.4		0	220	1100	130	94.83	268.12	l i	
3	30-Nov	Drilling	01:00	01:25	0.42	5715	5735	20	24	48.0	1	0	220	1100		94.83	268.12		
3	30-Nov	Sliding	01:30	02:00	0.50	5735	5747	12	15	24.0		0	220	1100	170	96.06	270.85	1	
3	30-Nov	Drilling	02:00	02:15	0.25	5747	5768	21	24	84.0	t	0	220	1100		96.06	270.85	}	
3	30-Nov	Sliding	02:20	02:50	0.50	5768	5781	13	15	26.0		0	220	1100	180	95.67	271.55		
3	30-Nov	Drilling	02:50	03:15	0.42	5781	5800	19	24	45.6		0	220	1100		95.67	271.55		
3	30-Nov	Sliding	03:20	03:55	0.58	5800	5813	13	15	22.3		0	220	1100	180	95.23	273.22	1	
3	30-Nov	Drilling	03:55	04:15	0.33	5813	5833	20	24	60.0		0	220	1100		95.23	273.22	1 1	
3	30-Nov	Drilling	04:20	05:00	0.67	5833	5865	32	24	48.0		0	220	1100		93.25			
3	30-Nov	Sliding	05:05	05:25	0.33	5865	5873	8	15	24.0		0	220	1100	360	93.25		1	
3	30-Nov	Drilling	05:25	05:45	0.33	5873	5897	24	24	72.0	1	0	220	1100		93.25	1	1	
3	30-Nov	Sliding	05:50	06:30	0.67	5897	5905	8	15		1	0	220	1100	-10	93.25	274.10		
3	30-Nov	Drilling	06:30	07:00	0.50	5905	5930	25		1		0	220	1100		93.25	i	1	
3	30-Nov	Sliding	07:05	07:45	0.67	5930	5935	5		1	1	0	220	1100	-10	89.74			
3	30-Nov	Drilling	07:45	08:40	0.92	5935	5962	27	24	1		0	220	1100		89.74			
3	30-Nov	Drilling	08:45	09:40	0.92	5962	5994	32		1		0	220	1100		91.89			
3	30-Nov	Sliding	09:45	10:20	0.58	\	6000	6	1	1	1	0	220	1100	180			5.09	
3	30-Nov	Drilling	10:20	10:55	0.58	6000	6026	26				0	220	1100			274.01		
3	30-Nov	Sliding	11:00	11:20	0.33		6031	5				0	220	1100	180	92.81	272.69		
3	30-Nov	Drilling	11:20	11:45	0.42	6031	6057	26				0	220	1100		92.81	272.69		
3	30-Nov	Sliding	11:50	12:05	0.25	6057	6061	4				0	220	1100	-60	92.02			
3	30-Nov	Drilling	12:05	12:40	0.58		6090	29	1	1		0	220	1100	,,,	92.02			
3	30-Nov	Sliding	12:45	13:00	0.25		6095	5		1		0	220	1100	-160	92.50	ì		
3	30-Nov	Drilling	13:00			1	6122	27		l .		0	220	1100	,		273.83	1	
3	30-Nov	Sliding	13:45		0.33	1	6130	8				0	220	1100	-170		273.04		
3	30-Nov	Drilling	14:05		0.67	1	6154	24		1		0	220	1100	,		273.04		
3	30-Nov	Sliding	14:50		0.58		6164	10		1		0	220	1100	-170		273.04		
3	30-Nov	Drilling	ì	15:55	0.50	1	6186	22		1		0	220	1100			273.04	1	1
3	30-Nov	Sliding		17:00	0.50	6186	6194	8	1		L	0	220	1100	360	90.48	272.25	6.29	
Wi	nSERVE II	BHA SLID	E REPO	RT NP1	336			Slide	Report	tor JOE	3# :033	28-432-2	2 - Page	e 2 of	3				

SI	ide Re	port fe	or Bh	IA#	3							Note:	Survey	s listed a	are inter	polated	from the	actual	surveys
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
3	30-Nov	Drilling	17:00	17:20	0.33	6194	6219	25	24	75.0	50	0	220	1100		90.48	272.25	6.29	
3	30-Nov	Sliding	17:25	17:40	0.25	6219	6224	5	20	20.0	50	0	220	1100	360	88.90	272.16	4.80	
3	30-Nov	Drilling	17:40	18:30	0.83	6224	6249	25	24	30.0	50	0	220	1100		88.90	272.16	4.80	
3	30-Nov	Drilling	18:35	19:10	0.58	6249	6282	33	21	56.6	45	0	220	1100		89.78	271.90	3.06	
3	30-Nov	Drilling	19:15	19:55	0.67	6282	6314	32	21	48.0	45	0	220	1100		90.88	27.37	3.70	
3	30-Nov	Sliding	20:00	20:20	0.33	6314	6323	9		27.0	0	0	220	1100	180	91.23	27.76	2.20	
3	30-Nov	Drilling	20:20	20:45	0.42	6323	6346	23	21	55.2	45	0	220	1100		91.23	27.76	2.20	
3	30-Nov	Sliding	20:50	21:00	0.17	6346	6351	5		30.0	0	0	220	1100	180	91.89	270.58	2.14	
3	30-Nov	Drilling	21:00	21:25	0.42	6351	6379	28	21	67.2	45	0	220	1100	Ì	91.89	270.58	2.14	
3	30-Nov	Drilling	21:30	21:55	0.42	6379	6411	32	21	76.8	45	0	220	1100		91.23	271.20	2.74	
3	30-Nov	Drilling	22:00	22:30	0.50	6411	6443	32	21	64.0	45	0	220	1100		90.70	271.55	1.98	
3	30-Nov	Sliding	22:35	22:55	0.33	6443	6455	12		36.0	0	0	220	1100	-160	91.32	271.37	2.20	
3	30-Nov	Drilling	22:55	23:15	0.33	6455	6476	21	21	63.0	45	0	220	1100		91.32	271.37	2.20	
3	30-Nov	Sliding	23:20	23:50	0.50	6476	6497	21		42.0	0	0	220	1100	-160	91.98	271.28	2.02	
3	30-Nov	Drilling	23:50	24:00	0.17	6497	6492	-5	21	-30.0	45	0	220	1100		91.98	271.28	2.02	
3	1-Dec	Drilling	00:00	00:10	0.17	6492	6508	16	21	96.0	45	0	220	1100		91.98	271.28	2.02	
3	1-Dec	Drilling	00:25	00:40	0.25	6508	6532	24	18	96.0	55	0	220	1100		91.45	271.11	1.74	
3	1-Dec	Sliding	00:50	01:15	0.42	6532	6541	9		21.6	55	0	220	1100	-160	90.70	271.20	1.74	
3	1-Dec	Drilling	01:20	01:30	0.17	6541	6578	37	18	222.0	45	0	220	1100		89.52	271.02	5.85	
3	1-Dec	Drilling	02:50	03:10	0.33	6578	6606	28	18	84.0	45	0	220	1100		89.25	271.20	1.01	
3	1-Dec	Sliding	03:20	03:40	0.33	6606	6613	7	22	21.0	0	0	220	1100	-30	87.36	271.28	5.73	
3	1-Dec	Drilling	03:40	04:00	0.33	6613	6638	25	18	75.0	45	0	220	1100		87.36	271.28	5.73	
3	1-Dec	Drilling	04:10	04:45	0.58	6638	6670	32	18	54.9	45	0	220	1100		88.24	271.64	2.97	
3	1-Dec	Drilling	04:55	05:20	0.42	6670	6675	5	18	12.0	45	0	220	1100		89.74	271.28	4.82	

Total Drilled: 1607 Avg. Total ROP: 38.65 DEPTH% - TIME %

Total Rotary Drilled:1320 Avg. Rotary ROP:50.45 Percent Rotary:82.14 - 62.93Total Drilled Sliding:287 Avg. Slide ROP:18.62 Percent Slide:17.86 - 37.07

JOB NO.: 03328-432-22

Company: Berry Petroleum CO.

LOCATION: LAKE CANYON

RIG NAME: PATTERSON #779

STATE: UTAH
COUNTY: Country
WELL NAME: LC 12H-6-56

FIELD: LAKE CANYON

Township: 5 S Range 6 W

MOTOR INFORMATION

Desc: 7/8 3.8 STAGE

Bent Hsg/Sub: 1.5 / 0 Bit to Bend: 4.6
Pad OD: 5 NB Stab:

Slide Report for BHA # 4

WinSERVE II BHA SLIDE REPORT NP1336

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
4	1-Dec	Drilling	19:00	19:25	0.42	6675	6700	25	14	60.0	45	0	220	1100		89.74	271.28	4.82	
4	1-Dec	Sliding	19:30	20:00	0.50	6700	6707	7	22	14.0	0	0	220	1100	-160	91.01	270.32	4.82	
4	1-Dec	Drilling	20:00	20:25	0.42	6707	6732	25	14	60.0	55	0	220	1100		91.01	270.32	4.82	
4	1-Dec	Sliding	20:30	21:00	0.50	6732	6737	5	22	10.0	0	0	220	1100	180	91.71	269.35	3.74	
4	1-Dec	Drilling	21:00	21:35	0.58	6737	6765	28	14	48.0	55	0	220	1100		91.71	269.35	3.74	
4	1-Dec	Drilling	21:40	22:25	0.75	6765	6797	32	14	42.7	55	0	220	1100		90.53	268.65	4.16	
4	1-Dec	Sliding	22:30	22:50	0.33	6797	6805	8	22	24.0	0	0	220	1100	-160	91.93	269.18	4.68	
4	1-Dec	Drilling	22:50	23:30	0.67	6805	6829	24	12	36.0	55	0	220	1100		91.93	269.18	4.68	
4	1-Dec	Sliding	23:35	24:00	0.42	6829	6837	8	22	19.2	0	0	220	1100	180	92.86	269.09	2.92	
4	2-Dec	Drilling	00:00	00:35	0.58	6837	6862	25	12	42.9	55	0	220	1100	ļ	92.86	269.09	2.92	
4	2-Dec	Drilling	00:40	00:50	0.17	6862	6873	11	12	66.0	60	0	220	1100		91.49	268.30	4.79	
4	2-Dec	Drilling	01:05	01:45	0.67	6873	6894	21	12	31.5	60	0	220	1100		91.49	268.30	4.79	
4	2-Dec	Drilling	01:50	02:20	0.50	6894	6927	33	12	66.0	60	0	220	1100		90.75	268.12	2.38	
4	2-Dec	Drilling	02:30	03:05	0.58	6927	6959	32	12	54.9	60	0	220	1100		90.88	268.03	0.48	
4	2-Dec	Sliding	03:45	03:50	0.08	6959	6965	6	17	72.0	0	0	220	1100	170	91.63	267.77	2.48	
4	2-Dec	Drilling	03:50	04:10	0.33	6965	6990	25	12	75.0	60	0	220	1100		91.63	267.77	2.48	
4	2-Dec	Sliding	04:30	04:45	0.25	6990	6998	8		32.0	0	0	220	1100	170	92.72	268.12	3.69	
4	2-Dec	Drilling	04:45	05:05	0.33	6998	7023	25	12	75.0	60	0	220	1100	ļ	92.72	268.12	3.69	
4	2-Dec	Sliding	05:20	05:25	0.08	7023	7031	8	22	96.0	0	0	220	1100	170	92.94	268.56	1.49	
4	2-Dec	Drilling	05:25	05:40	0.25	7031	7055	24	12	96.0	60	0	220	1100		92.94	268.56	1.49	
4	2-Dec	Sliding	05:45	06:05	0.33	7055	7062	7	22	21.0	60	0	220	1100	170	92.07	268.21	2.93	
4	2-Dec	Drilling	06:05	06:30	0.42	7062	7088	26	12	62.4	60	0	220	1100		92.07	268.21	2.93	
4	2-Dec	Sliding	06:35	07:15	0.67	7088	7094	6	1	9.0	60	0	220	1100	-10	88.81	267.94		
4	2-Dec	Drilling	07:15	07:45	0.50	7094	7120	26	12	52.0	60	0	220	1100		88.81	267.94		
4	2-Dec	Sliding	07:50	08:20	0.50	7120	7125	5		ŀ	60	0	220	1100	5	88.11	267.94		
4	2-Dec	Drilling	08:20	08:45	0.42	7125	7153	28	12	67.2	60	0	220	1100		88.11	267.94	2.50	

Slide Report for JOB# :03328-432-22 - Page 1 of 3

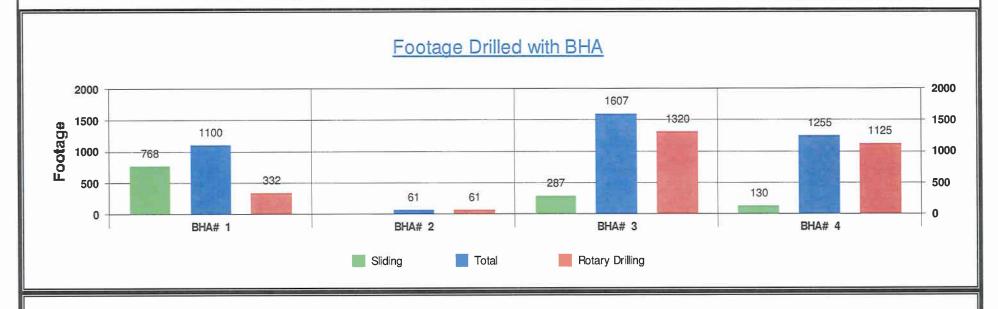
Sli	de Re	port fo	or BH	IA#	4							Note:	Survey	s listed	are inter	polated	from the	e actua	l surveys
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
4	2-Dec	Drilling	08:50	09:30	0.67	7153	7186	33	12	49.5	60	0	220	1100		90.31	268.56		
4	2-Dec	Sliding	09:35	10:15	0.67	7186	7191	5	22	7.5	60	0	220	1100	175	91.58	268.65		
4	2-Dec	Drilling	10:15	10:30	0.25	7191	7218	27	12	108.0	60	0	220	1100		91.58	268.65		
4	2-Dec	Sliding	10:35	11:00	0.42	7218	7223	5	22	12.0	60	0	220	1100	175	92.86	268.82		
4	2-Dec	Drilling	11:00	11:15	0.25	7223	7251	28	12	112.0		0	220	1100		92.86	268.82		
4	2-Dec	Drilling	11:20	11:55	0.58	7251	7283	32	12	54.9	60	0	220	1100		92.11	268.91	2.29	
4	2-Dec	Drilling	12:00	12:40	0.67	7283	7315	32	18	48.0	60	0	220	1100		90.22	268.30		
4	2-Dec	Sliding	12:45	13:00	0.25	7315	7321	6		24.0	0	0	220	1100	-20	89.91	268.12		
4	2-Dec	Drilling	13:00	13:25	0.42	7321	7348	27	18	64.8	60	0	220	1100		89.91	268.12	1	
4	2-Dec	Drilling	13:30	13:55	0.42	7348	7380	32	18	76.8		0	220	1100	400	90.44	267.86		
4	2-Dec	Sliding	14:00	14:20	0.33	7380	7386	6		18.0		0	220	1100	180	93.30	267.74		
4	2-Dec	Drilling	14:20	14:50	0.50	7386	7413	27	18	54.0		0	220	1100	400	93.30	267.74		
4	2-Dec	Sliding	14:55	15:05	0.17	7413	7417	4	20	24.0	0	0	220	1100	180	93.69	268.38		
4	2-Dec	Drilling	15:05	15:40	0.58	7417	7445	28	18	48.0		0	220	1100		93.69	268.38	1.61	
4	2-Dec	Drilling	15:45	16:15	0.50	7445	7477	32	18	64.0		0	220	1100	100	90.75	267.24	ļ	
4	2-Dec	Sliding	16:20	16:45	0.42	7477	7484	7	20	16.8	İ	0	220 220	1100	180	90.92	267.59 267.59	1	
4	2-Dec	Drilling	16:45	17:15	0.50	7484	7510 7518	26	18 20	52.0 24.0		0	257	1452	180	91.10	267.15		
4	2-Dec	Sliding	17:20	17:40	0.33	7510 7518	7543	25	18	75.0		0	220	1452	100	91.10	267.15	1	
4	2-Dec	Drilling	17:40	18:00	0.33	7543	7549	6	20	18.0		0	257	1452	180	90.44	267.13		
4	2-Dec	Sliding	18:05 18:25	18:25	0.33	7543 7549	7574	25	18	50.0		0	220	1452	'00	90.44	267.33		
4	2-Dec 2-Dec	Drilling Drilling	19:00	18:55 19:30	0.50	7574	7607	33	18	66.0		0	220	1452		88.95	268.21	5.58	
4	2-Dec 2-Dec	Drilling	19:35	20:35	1.00		7639	32		ł	1	0	220	1452		!	26794.0		
*	Z-Dec	Dilling	19.55	20.55	1.00	, ,,,,,	7005	1	1		1	1	1	1	1	1	¦ 0	ļ	
4	2-Dec	Drilling	20:40	21:45	1.08	7639	7671	32			1	0	220	1452		1	268.30		
4	2-Dec	Drilling	21:50	22:55	1.08	7671	7703	32				0	220	1452		88.02			
4	2-Dec	Sliding	23:00	23:25	0.42	7703	7710	7			i	0	257	1452	10	88.24	1		
4	2-Dec	Drilling	23:25	24:00	0.58	7710	7735	25		-		0	220	1452		88.24			
4	3-Dec	Drilling	00:05	00:55	0.83	7735	7768	33	1	1		0	220	1452		89.17	268.03		
4	3-Dec	Drilling	01:00	02:05	1.08	l .	7800	32				0	220	1452	100	89.17		1	
4	3-Dec	Sliding	02:15	03:00	0.75		7808	8		ł	1	0	257	1452	180	1	268.91		
4	3-Dec	Drilling	03:00	03:15	0.25	1	7833	25		1		0	220	1452			268.91		
4	3-Dec	Drilling	03:25	03:50	0.42		7865	32				0	220	1452			269.00		
4	3-Dec	Drilling	04:00	04:25	0.42	ł	7898	33			ı	0	220	1452			269.00		
4	3-Dec	Drilling	04:35	05:30	0.92	7898	7930	32	18	34.9	60	0	220	1452		90.04	268.82	2.99	
Wii	SERVE II	BHA SLID	E REPO	<i>RT</i> NP1	336			Slide	Report	for JOE	3# :033	328-432-2	2 - Page	e 2 of	3				

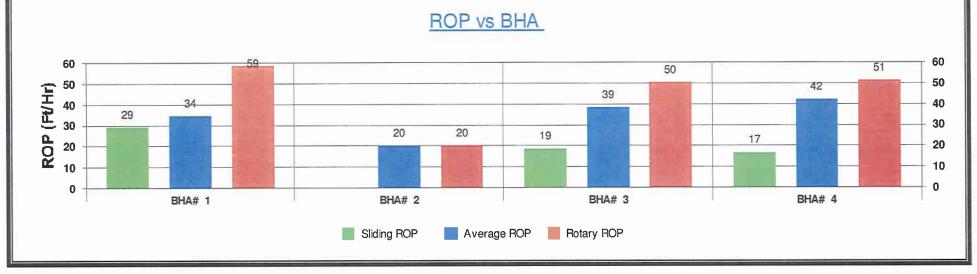
SI	ide Re	port fe	or Bh	IA#	4				-			Note:	Survey	s listed	are inter	polated	from the	e actua	l surveys	
#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note	
			To	otal Dr	illed:	1255	Avg	. Total i	ROP:	4	12.30			DE	PTH% -	TIME %	•			
		To	tal Rot	ary Dr	illed:	1125	Avg.	Rotary I	ROP:	Ę	51.33	Perc	ent Ro	tary:	89.64 -	73.88				
		То	tal Dril	led Sli	ding:	130	Ανς	g. Slide l	ROP:	1	6.77	Per	rcent S	lide:	10.36 -	26.12				

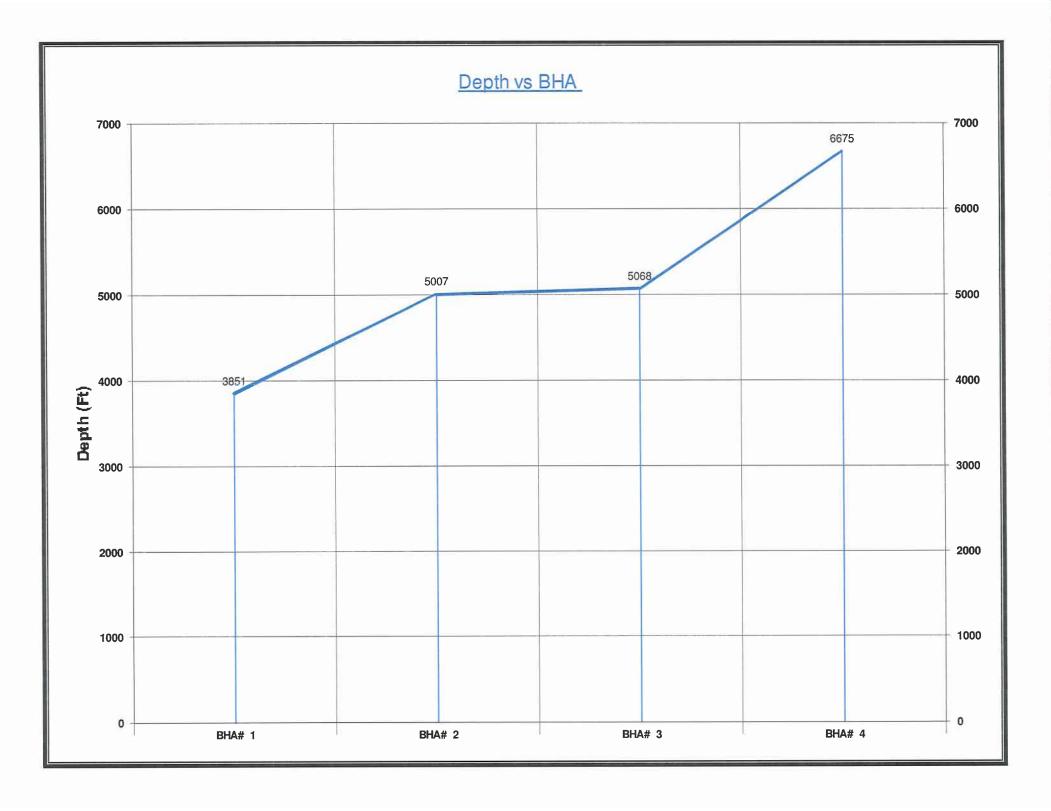
Postwell Analysis

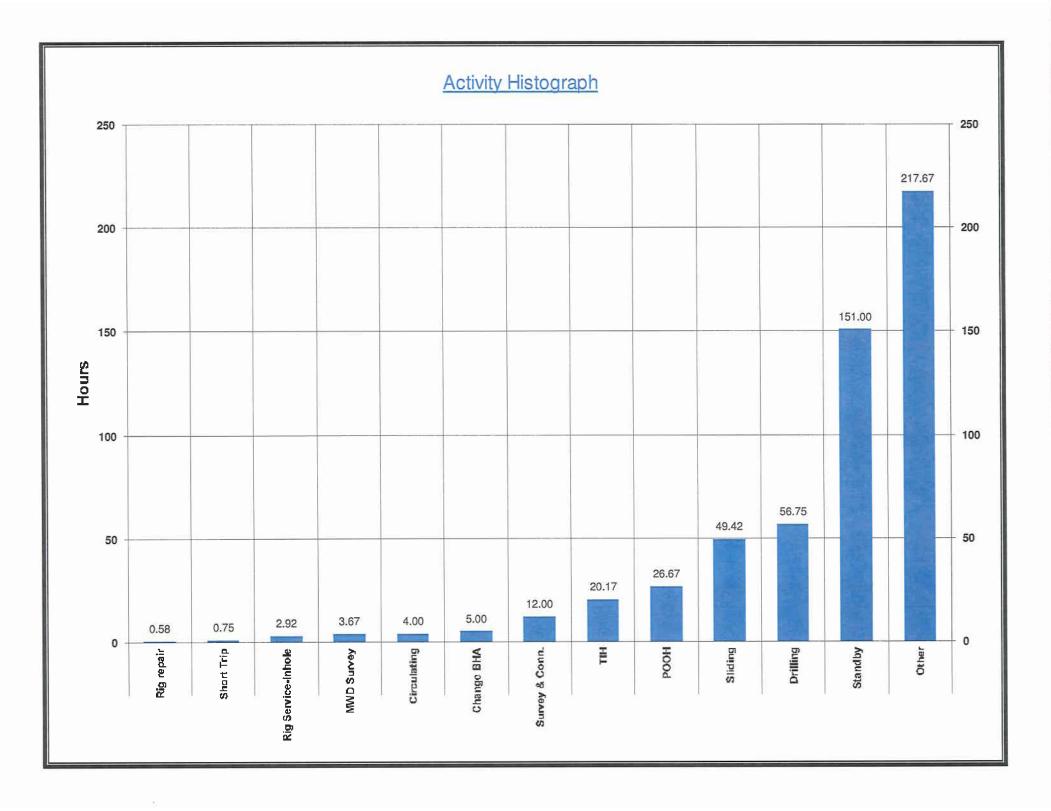


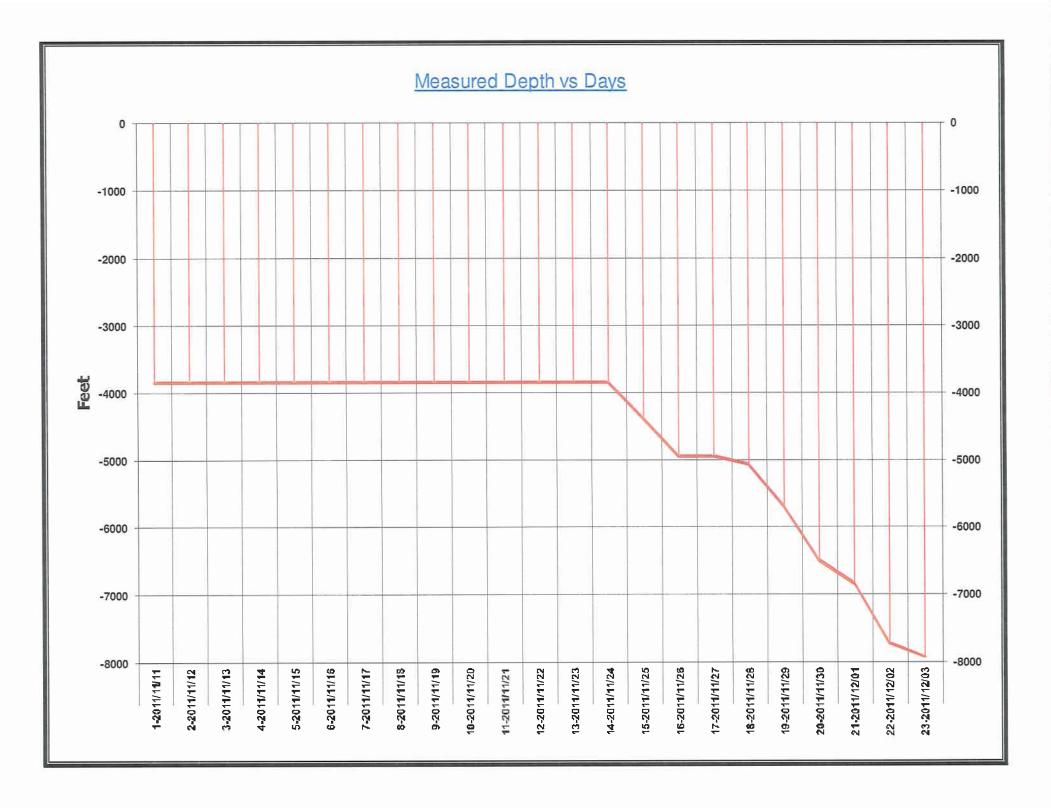
JOB NO.:	03328-432-22	FIELD:	LAKE CANYON		
Company:	Berry Petroleum CO.	Township:	5 S		
LOCATION:	LAKE CANYON	SECT\RANGE:	6	6 W	
RIG NAME:	PATTERSON #779			COMMENT	
STATE:	UTAH				
COUNTY:	DUCHESNE				
WELL NAME:	LC 12H-6-56				



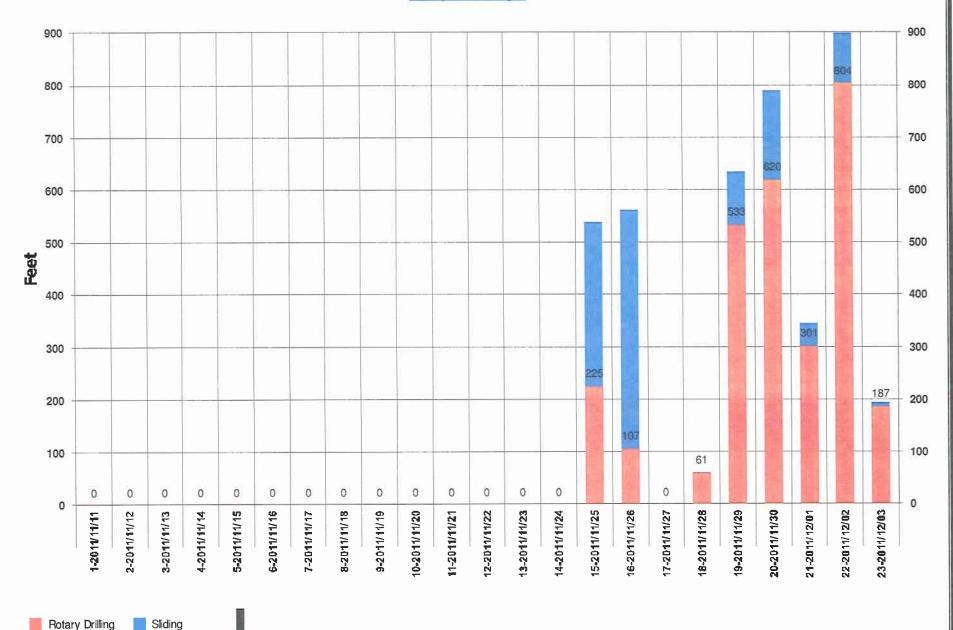


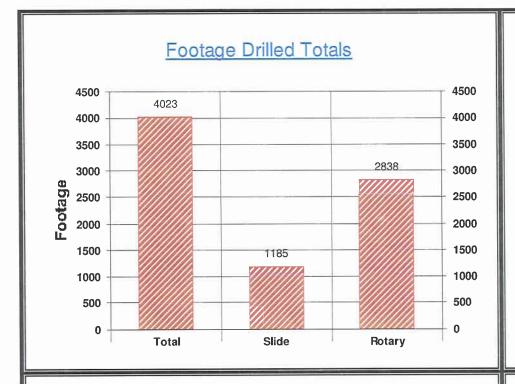


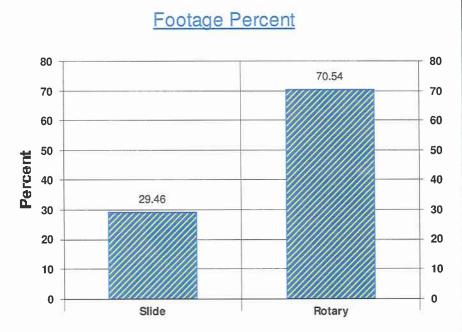


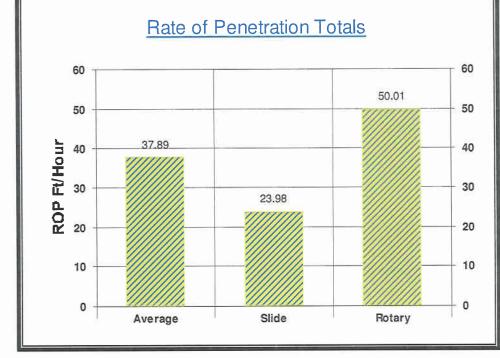


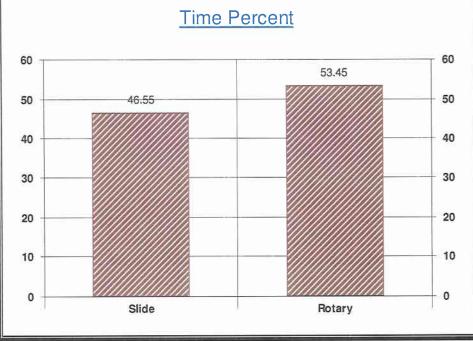














Survey Certification Sheet

Report Date: 2-6-12

GWDS Job #: 3328-432-22

Operator: Berry Petroleum Co. Well Name: LC Tribal 12H-6-56

API#: 43-013-22606

County/State: Duchesne Co., Utah

Well SHL: 2022' FSL & 750' FEL (NESE) Sec. 6-T5S-R6W

Well SHL: 40° 4' 26.738" N (NAD27) 110° 35' 40.312" W (NAD27)

Drilling Rig Contractor: Patterson 779

Surveyed Dates: 11/14/11-11/21/11

Surveyed from a depth of: Pilot: 167.00' MD to 4859.00' MD

Type of Survey: MWD Surveys

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Great White Directional Services, LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature method.

Dusty Moyer

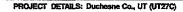
Archer - Well Planner

Overlay Well & Survey Report Full Well



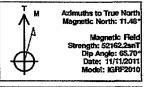
Berry Petroleum Company
Project: Duchesne Ca., UT (UT27C)
She: Soc.6-TSS-R6W
Well: LC Tribal 12H-6-56
Wellbore: Wellbore #1
Design: Design #5
Lat: 40° 4' 26.738 N
Long: 110° 35' 40.312 W
Pad GL: 6462.00
KB: WELL @ 6482.00usft (Patterson 779)

Archer



Geodetic System: US State Plane 1927 (Exact solution) Datum: NAO 1927 (NADCON CONUS) Ellipsoid: Clarke 1865 Zone: Utah Central 4302

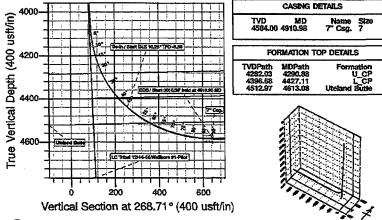
System Datum: Mean Sea Level

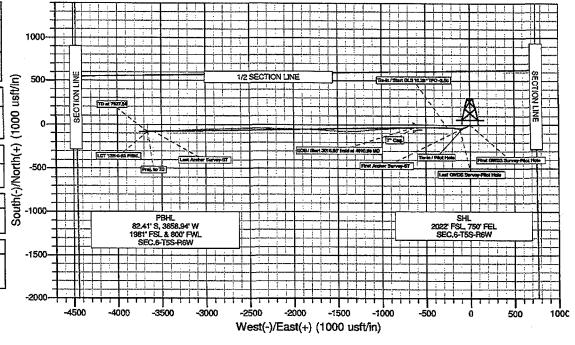


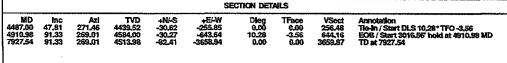
WELL DETAILS: LC Tribal 1214-6-56 Ground Level: 6462.00 +N/-S +E/-W Northing Easting Longitude Slot 0.00 0.00 635316.354 2253363.427 40°4′26,738 N 110°35′40.312 W

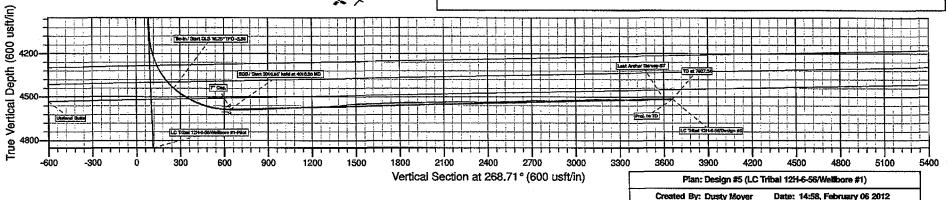
WELLBORE TARGET DETAILS (LAT/LONG)

Name TVD +N'-S +E/-W Latitude Longitude Shape LCT 12H-6-56 PSHL 4514.00 -82.41 -3658.94 40°4'25.921 N 110°36'27.382 W Point









Berry Petroleum Company

Duchesne Co., UT (UT27C) Sec.6-T5S-R6W LC Tribal 12H-6-56

Wellbore #2-Curve/Lat

Design: Wellbore #2-Curve/Lat

Standard Survey Report

06 February, 2012



Archer Survey Report



Company: Project: Site:

Well:

Wellbore:

Design:

Berry Petroleum Company Duchesne Co., UT (UT27C) Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #2-Curve/Lat Wellbore #2-Curve/Lat

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well LC Tribal 12H-6-56

WELL @ 6482.00usft (Patterson 779) WELL @ 8482.00usft (Patterson 779)

True

Minimum Curvature EOMDBBW

Duchesne Co., UT (UT27C) Project

Map System:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Geo Datum: Map Zone:

Utah Central 4302

System Datum:

Database:

Mean Sea Level

Sec.6-T5S-R6W

Site Position:

From:

Lat/Long

Northing:

635,316.363 usft 2,253,383.427 usft

Longitude:

40° 4' 26.738 N

Position Uncertainty:

0.00 usft

Easting: Slot Radius:

13-3/16"

Grid Convergence:

110° 35' 40.312 W

0,58°

LC Tribal 12H-6-56 Well 40° 4' 26.738 N 635,316.354 usft Latitude: +N/-S 0.00 usft Northing: Well Position 110° 35' 40.312 W 2,253,383.427 usft Longitude: 0.00 usft Easting: +E/-W 6,462,00 usft usft Ground Level: 0.00 usft Wellhead Elevation: Position Uncertainty

Wellbore #2-Curve/Lat				
Magnetics Model Name S	ample Date		p Angle	Field Strength (nT)
IGRF2010	2011/11/11	(°) 11.48	65.70	52,162

Design	Wellbore #2-Cu	rve/Lat				
Audit Notes:						
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00	
Vertical Section		Depth From (TVD)	+N/-S	+E/-W	Direction	
Vertical Section	l.	(usft)	(usft)	(usft)	(°)	
		0.00	0,00	0.00	263.17	
1		4,4-4				

Survey Program Date 2012/02/06 From To (usft) (usft) Survey (Wellbore)	Tool Name	Description
167.00 3,890.00 Survey #1-Pilot (Wellbore #1) 3,890.00 7,930.00 Survey #2-Crv/Lat (Wellbore #2-Curve/Lat		MWD - Standard MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (*/100usR)	Build Rate (*/100usft)	Turn Rate (*/100usft)
0.00	0,00	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00
	Survey-Pilot Hol	e		garage and the co	5.353	er regilhes	in the same of the same	a a considera.	
167.00	0.18	339.49	167.00	0,25	-0.09	0.08	0.11	0.11	0.00
349.00	0.26	305.39	349.00	0.75	-0.53	0.44	0.08	0.04	-18.74
533.00	0.88	295,10	532.99	1,59	-2,15	1,94	0.34	0.34	-5.59
718,00	1,19	248.78	717.96	1.50	-5.23	5,01	0.47	0.17	-25.04
901.00	1.23	245,80	900.92	0.01	-8.79	8.73	0.04	0.02	-1.83
	1.76	250.81	962,90	-0.58	-10.30	10.29	0,88	0.85	8.08
963.00	1,67	253,35	1,047.86	-1,36	-12,71	12,79	0.14	-0,11	2,99
1,048.00			1,170.82	-2.41	-15.85	18,02	0.23	-0.21	-3.36
1,171.00 1,416.00	1.41 1.58	249,22 241,14	1,415.73	-5.11	-21.62	22,08	0.11	0.07	-3,30

Archer Survey Report



Company: Project: Site: Well:

Wellbore:

Design:

Berry Petroleum Company Duchesne Co., UT (UT27C) Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #2-Curve/Lat Wellbore #2-Curve/Lat Logal Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database; Well LC Tribal 12H-6-58
WELL @ 6482.00usft (Patterson 779)
WELL @ 6482.00usft (Patterson 779)
True
Minimum Curvature
EDMOBBW

			Vertical	V. Al - 1			Dogleg	Build	Turn
Measured	Inclination (1)	4 - 1 - AL	Depth (usft)	+N/-S (usft)	+E/·W (usft)	Vertical Section (usft)	Rate (°/100usft)	Rate (*/100usft)	Rate (*/100usft)
Depth (usft)		Azimuth (*)							
		per ini programme salamatikan	1,917.52	-13,69	-33,28	34,67	0.14	-0,09	-3.63
1,918.00	1.54	224,97 228,92	2,139.44	-17.93	-37.83	39,69	0.08	0.06	1.78
2,140.00	1.67	236,22	2,138.44	-20.65	-41,25	43.41	0.40	-0.39	3.76
2,334.00	0.92			-22.45	-44.08	46,44	0.07	0.07	1.31
2,529,00	1.05	238.77	2,528.36						
2,724.00	1,23	246.68	2,723.32	-24.20	-47.53	50.07	0.12	0.09	4,06
2,918,00	1.49	230,59	2,917.28	-26.63	-51.39	54.19	0.24	0.13	-8.29
3,113.00	1.78	232,44	3,112.19	-30,06	-55.72	58,90	0.14	0.14	0.95
3,307.00	2.02	252,65	3,306.08	-32.90	-61.35	64.82	0.37	0.13	10.42
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	72.26	0,26	0.20	4.40
3,695.00	2,02	251.60	3,693.79	-36,25	<i>-</i> 75.92	79.69	0.28	-0.20	-4.94
Tie-In / Pliot I		1,74 4 3							
3,890.00	1.71	229.54	3,888.69	-39.22	-81.39	85.48	0.40	-0.16	-11.31
First Archer S	Survey-ST		the state of the state of		1 4 4 1		A 194	0.45	49.48
3,936.00	3.16	252.30	3,934,65	-40.05	-83.12	87,29	3.73	3.15	1.19
4,032.00	3,60	253.44	4,030.48	-41.71	-88.53	92,86	0.46	0.46	1.19 8.53
4,064.00	3,69	256.17	4,082.42	-42.25	-90.50	94,88	0.61	0.28	
4,097.00	5,32	265.22	4,095.31	-42.63	-93.05	97.46	5,37	4.94	27.42
4,130.00	8.13	269.61	4,128.08	-42.77	-96.91	101,31	8.65	8.52	13.30
4,162.00	11.65	272.69	4,159,60	-42.64	-102.40	106.74	11.12	11.00	9.62
4,194.00	14.68	274,98	4,190.76	-42.13	-109,67	113,90	9.61	9.47	7.16
4,227.00	17.71	275.33	4,222.45	-41.30	-118.84	122,90	9.19	9.18	1.06
•			4,252,64	-40.27	-129.38	133,25	10.17	10.16	1.37
4,259.00	20.96	275.77	4,283.05	-38.94	-142.11	145,73	11.35	11.33	1.33
4,292.00	24.70	276,21	4,203.03	-37.45	-156.29	159,63	10.99	10.97	-1.37
4,324.00	28.21	275,77	4,340.24	-35.85	-172.76	175.79	11.47	11,45	-1.33
4,357.00 4,390.00	31.99 36.08	275,33 274,71	4,367.58	-34.24	-191.15	193.87	12.44	12,39	-1.88
					-210,80	213.20	12.21	12.09	-2.75
4,422.00	39.95	273,83	4,392.78	-32.78		234,27	12.88	12.75	-2.75
4,454.00	44.03	272,95	4,418.56	-31.52	-232.17 -255.85	257,68	11.90	11,45	-4,52
4,487.00	47.81	271,46	4,439.52	-30.62	-279,54	281.14	13.28	13.19	-1,97
4,518.00	51.90	270.85	4,459.50	-30.15	-279,34	308,75	12.13	12.09	-1,12
4,550.00	55.77	270.49	4,478.38	-29.85					
4,583,00	59.06	270,76	4,496.15	-29.54	-333,17	334,32	9.99	9,97	0.82
4,615,00	61.61	270.49	4,511.99	-29.24	-360.97	361.88	8.00	7.97	-0.84
4,647.00	64.34	271,20	4,526.52	-28.82	-389.47	390.13	8.76	8.53	2.22
4,680,00	67.19	272.08	4,540.07	-27.96	-419,54	419,89	8.97	8.64	2.67
4,712.00	71.10	271.99	4,551.46	-26.89	-449,42	449.43	12.22	12.22	-0.28
4,745,00	74.58	271,11	4,561.19	-26.04	-480.94	480,62	10.85	10.55	-2.67
4,777.00	78.00	270.58	4,568.78	-25.59	-512.02	511,43	10.81	10.69	-1.66
4,809,00	79.80	269.35	4,574.94	-25.61	-543.42	542.61	6.77	5.62	-3.84
4,840.00	80.82	269,70	4,580.16	-25.86	-573.97	572.98	3.47	3.29	1.13
4,873.00	82.88	269,70	4,584.83	-26.03	-606.64	605,43	6,24	8.24	0.00
4,905.00	86.44	271.02	4,587.81	-25,83	-638,49	637,04	11,86	11.12	4,12
	91.54	264.87	4,589,06	-28.38	-709.38	707.72	11,25	7.18	-8,66
4,976.00 5,006.00	91.80	264,69	4,588,19	-31,10	-739.24	737.70	1.05	0,87	-0.60
5,006.00	92,42	265.13	4,587.05	-33.85	-770.10	768.66	2.45	2.00	1,42
5,037.00 5,069.00	92.42	265.04	4,585.66	-36.59	-801.95	800.61	0.49	0.41	-0.28
			•		-831.83	830,57	4.33	-3,80	2.07
5,099.00	91,41	265.66	4,584.62	-39.02 -41.25	-863,75	862,53	2.67	-1.53	2.19
5,131.00	90.92	266,36	4,583.97			892,48	1.57	1,47	-0,57
5,161.00	91.36	266,19	4,583.38	-43.20 45.20	-893.68 -926.59	925,41	3.61	3.45	1.06
5,194.00	92.50	266,54	4,582.27	-45.29 47.00	-958.49	957,28	5.91	5.37	2.47
5,226.00	94.22	267,33	4,580.39	-47.00					
5,258.00	93,99	266.71	4,578.10	-48.66	-990,36	989.13	2,06	-0.72	-1.94 -3.18
5,291.00	91,63	265,66	4,576.48	-50.85	-1,023.25	1,022.04	7.83	-7,15 -3,06	-3.10 -0.79

Archer Survey Report



Company: Project: Site: Berry Petroleum Company Duchesne Co., UT (UT27C) Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #2-Curve/Lat

Wellbore #2-Curve/Lat

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well LC Tribal 12H-6-56
WELL @ 6482.00usft (Patterson 779)
WELL @ 6482.00usft (Patterson 779)
True
Minimum Curvature

EDMDBBW

Wellbore: Design:

Well:

Survey Vertical Dogleg Bulld Turn Measured Rate Rate Section Rate Depth Azimuth Depth +N/-S +E/-W Inclination (*/100usft) (°/100usft) (usft) (usft) (usft) (*/100usft) (usft) (usft) (°) (°) -1,088.04 1,086.97 4.67 4.37 1.62 -55.84 5,356,00 92,02 265.92 4,575,10 -0.81 5.16 5.09 1.118.89 5,388,00 93.65 265,66 4,573.51 -58.19 -1,119.91-3.28 -60,90 -1,151.75 1,150,83 5,37 -4.25 4.571.86 92.29 264.61 5,420.00 -7.16 -4.69 -1,183,56 1,182.82 8,55 -64.32 5,452.00 90.00 263,11 4.571,22 1,55 -1.09 -1.09 1.214.82 -1.215.325,484.00 89.65 262,76 4,571.31 -88.25 5.50 6.03 1,246.81 8.18 5,516,00 91.41 264.69 4,571.02 -71.75 -1.247.124.79 5.97 4,569.64 -74.35 -1,279.99 1,279,75 7.65 93.38 266.27 5.549.00 1,310.63 2.86 2.29 1.71 -76.22 -1.310.87 5,580,00 94.09 266,80 4,567,62 4.00 4,58 2.24 1.343.44 268.12 4,565.05 -77.68 -1.343.735,613.00 94.83 3.06 5.61 8.37 5,646,00 95.84 269.97 4,561,99 -78.23 -1,376.58 1,376,12 0.69 2.75 1,407.70 270.85 4,558,67 -78.00 -1,408,41 2.82 96.06 5.678.00 1,440.20 2.42 -1,18 2.12 271.55 4.555.30 -77.31 -1,441.23 5,711.00 95 67 -1,473.06 5.37 -1,375,22 1,471,65 273.22 4,552,26 -75.99 5,743.00 95.23 -6,00 2.67 1,504,01 6.56 -73.88 -1,505.90 5,776.00 93.25 274.10 4,549,82 0.00 -1,569.71 1,566.82 7.41 -7.41 274.10 4.548.83 -69,31 88.51 5,840.00 -66.82 -1,602.61 1,599,19 3.96 3.73 1.33 274.54 4.549.34 5,873.00 89.74 -1,634.50 1,630.56 6.72 6.72 0.00 -64.295,905.00 91.89 274.54 4.548.88 4.81 -1.66 5.09 -61,91 -1,686.38 1,661,93 93.43 274.01 4,547,40 5.937.00 1,693.38 4.12 4.55 -1.94-60.04 -1,698.28 272.69 4.545.66 5,969.00 92.81 -2.550.584.544.35 -58.54 -1,729.21 1,723.91 2.61 6,000.00 92.02 272.87 1,45 2.91 1,756.37 3.25 -1.762.136,033,00 92.50 273.83 4,543,05 -56.61 2.50 0.44 -2.47-1.794.04 1.787.83 273.04 4,541.61 -54.70 6,065.00 92.64 -0.97 0.00 0.97 -53,00 -1,825.96 1.819.32 4.540.23 6,097.00 92.33 273.04 6.29 -5.78 -2.47-1,857.92 1,850,88 6,129.00 90,48 272.25 4.539.44 -51.53 -0.27 -1,890.89 1,883,47 4,80 -4.79 88,90 272.16 4,539,62 -50.266,162.00 1.913.11 3.06 2,93 -0.87 4,539.97 -49.19 -1.920.876,192.00 89.78 271.90 3,33 -1.61 3.70 4,539,78 -48,25 -1,953.86 1.945.75 90.88 271.37 6 225.00 2.20 1.09 -1.91 -1.985.85 1,977.44 4,539,19 -47 66 6,257,00 91.23 270.76 -0.56 2.14 2.06 -2.017.83 2.009.15 6,289,00 270.58 4,538.31 -47,28 91.89 -2.00 1,88 4,537.42 -46,77 -2.050.82 2 041 84 2.74 91,23 271.20 6.322.00 1.09 1.98 -1.66 -46.00 -2,082.80 2,073,51 271,55 4,536,88 6.354.00 90.70 -0.56-2,114.79 2,105.17 2.02 1.94 4,536.31 -45.19 6,386,00 271.37 91.32 -0.27 2.02 2.00 -2,147.76 2.137.82 6,419.00 91.98 271.28 4,535,36 -44,43 -0.53 -1.66 271.11 4,534.41 -43.76 -2,179.74 2.169.50 1.74 91.45 6.451.00 -5.85 -0.27-2,212.73 2,202.18 5.85 4,534,13 -43,15 271.02 6.484.00 89.52 2,233,87 1.01 -0.840.56 -42,53 -2,244.73 4.534.47 271.20 6,516,00 89.25 5.73 -5.73 0.24 2,266,53 -41.81 -2,277.70 6,549.00 87,36 271.28 4.535.45 2.75 1,12 -41.00 -2,309.67 2.298.17 2.97 88,24 271.64 4,536,67 6.581.00 -1.12 -2,341.65 4,537,24 -40,18 2,329.83 4.82 4 69 271,28 6.613.00 89.74 4.537.02 -39.72 -2,374.65 2,362,54 4.82 3.85 -2.91270.32 6.646,00 91.01 3.74 2.19 -3.03 -2,408.64 2,394.31 6,678.00 269.35 4.536.26 -39.8191.71 2,427,14 4.16 -3.58 -2.12-2.439.62 6,711.00 90.53 268,65 4,535,62 -40.39 4 37 1.66 4.68 -2,471,61 2,458.97 269.18 4,534,93 -41.00 91.93 6.743.00 4,533,59 -41.48 -2,503,58 2,490,77 2,92 2.91 -0.28269.09 6,775.00 92.86 -2,536.54 2,523.59 4.79 -4.15 -2.39-42.236,808.00 91.49 288,30 4,532,34 2.38 -2.31 -0.562.555.46 -2.568.52268,12 4,531.72 -43.23 6,840.00 90.75 0,48 0.39 -0.272.588,33 6.873.00 88,09 268.03 4,531.25 -44.34 -2.601,50 -0.81 4,530.55 -45.51 -2,633.47 2,620.22 2,48 2.34 267,77 6,905,00 91,63 3.69 3,52 1.13 -2.664,43 2,651.09 6,936.00 92.72 268.12 4,529.37 -48.62-2,697.37 2.683.91 1.49 0.67 1.33 268,56 4,527.74 -47.57 6,969,00 92.94 -1.092,715,75 2.93 -2.72 92.07 268.21 4,526.34 -48,48 -2.729.337.001.00 -0.82 -9.88 -2,762.31 2,748.62 9.91 267.94 4,526.09 -49.58 88.81 7,034,00 0.00 2,780.50 2.19 -2.19 -50.73-2.794.27 267,94 4,526.95 7,066,00 88.11 6.93 6.67 1.88 4,527,40 -51.74 -2,827.25 2,813.37 90.31 268.56 7,099.00

Λrcher

Archer Survey Report



Company: Project:

Berry Petroleum Company Duchesne Co., UT (UT27C)

Site: Well: Wellbore:

Design:

7,779.00

7,811.00

7,844.00

7,876.00

7,930.00

Proj. to TD

Last Archer Survey-ST

92.37

91.01

90.04

91.19

91.19

269,00

269.00

268.82

269.09

269.09

Sec.6-T5S-R6W LC Tribal 12H-6-56 Wellbore #2-Curve/Lat Wellbore #2-Curve/Lat Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method: Database:

WELL @ 6482.00usft (Patterson 779) True

3,490,48

3,522,30

3,555,13

3,588.96

3,640.66

Minimum Curvature **EDMD8BW**

Well LC Tribal 12H-6-56

WELL @ 6482.00usft (Patterson 779)

0.67

-4,25

-2,94

3.59

0.00

0.27

0.00

-0,55

0.84

0.00

0,72

4.25

2,99

3.69

0.00

Measured			Vertical			Vertical	Dogleg	Bulld	Turn
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+NI-S (usft)	+E/-W (usft)	Section (usft)	Rate (°/100usft)	Rate (°/100usft)	Rate (*/100usft)
7,132.00	91,58	268.65	4,526,86	-52.54	-2,860.24	2,846,21	3,86	3.85	0,27
7,164.00	92.86	268,82	4,525.62	-53.25	-2,892.21	2,878.04	4.04	4.00	0.53
7,197.00	92,11	268,91	4,524,19	-53.90	-2,925.17	2,910.85	2,29	-2,27	0,27
7,229.00	90,22	268,30	4,523,54	-54.68	-2,957.15	2,942.69	6.21	-5.91	-1.91
7,261.00	89.91	268,12	4,523.50	-55.68	-2,989.14	2,974.57	1.12	-0.97	-0.56
7,294,00	90,44	267,86	4,523,40	-56.84	-3,022.11	3,007.45	1.79	1.61	-0,79
7,326.00	93,30	268,74	4,522,36	-57.79	-3,054.08	3,039,30	9,35	8.94	2.75
7,359,00	93,69	268.38	4,520.34	-58.62	-3,087.01	3,072.10	1.81	1.18	-1.09
7,391,00	90,75	267.24	4,519.11	-59.84	-3,118.98	3,103.97	9.85	-9.19	-3 ,56
7,423,00	90,92	267,59	4,518.64	-61,28	-3,150.92	3,135.87	1.22	0.53	1,09
7,456,00	91.10	267.15	4,518.06	-62.80	-3,183.88	3,168.78	1.44	0.55	-1.33
7,489,00	90,44	267,33	4,517.61	-64,38	-3,216.84	3,201.69	2.07	-2.00	0,55
7,520.00	88.95	268.21	4,517,78	-65.59	-3,247.81	3,232.59	5.58	-4.81	2.84
7,553,00	86.88	267,94	4,518.98	-66.70	-3,280.77	3,265.45	6.33	-6.27	-0.82
7,585,00	87.98	268,30	4,520.41	-67,75	-3,312.72	3,297.30	3.62	3.44	1.12
7,617,00	88.02	268.03	4,521,53	-68.77	-3,344.69	3,329.16	0.85	0.12	-0,84
7,649,00	88.24	267.59	4,522.58	-69,99	-3,376.65	3,361.03	1.54	0.69	-1.37
7,681.00	89.17	268.03	4,523.30	-71,22	-3,408.61	3,392.92	3.21	2.91	1.37
7,714.00	90,31	267,77	4,523.45	-72.42	-3,441.59	3,425,81	3,54	3.45	-0.79
7,746.00	92.15	268.91	4,522.76	-73.35	-3,473.57	3,457.67	6.76	5,75	3.56
					0 500 54	0.400.40	0.70	0.07	0.07

4,521,46

4,520,52

4,520.21

4,519.87

4,518,75

Design Annotations				
Measured	Vertical	Local Coo	rdinates	
Depth	Depth	+N/-S	+E/-W	
(usft)	(tieu)	(usit)	(usft)	Comment
167.00	167,00	0,25	-0.09	First GWDS Survey-Pilot Hole
3,890.00	3,888.69	-39,22	-81,39	Tie-In / Pilot Hole
3,936.00	3,934,65	-40.05	-83,12	First Archer Survey-ST
7,876.00	4,519,87	-75,72	-3,603,50	Last Archer Survey-ST
7,930.00	4,518.75	-76.58	-3,657.48	Proj. to TD

-73.95

-74.51

-75,14

-75.72

-76,58

-3,506.54

-3,538,52

-3,571.51

-3,603.50

-3,657.48

Checked By:	Approved By	r;	Date:
#71001100 - J.			

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING	
CDW	

X - Change of Operator (Well Sold)	Operator Name Change/Merger							
The operator of the well(s) listed below has chang	6/1/2014							
FROM: (Old Operator):	TO: (New Operator):							
Berry Petroelum Company, LLC N4075	Linn Operating, Inc. N4115							
1999 Broadway Street , Suite 3700				1999 Broadwa				
Denver, CO 80202				Denver, CO 80	0202			
1								
Phone: 1 (303) 999-4400				Phone: 1 (303)	999-4400			
CA No.				Unit:	Berry Pik	t EOR 246-02		
					Brundage	Canyon		
WELL NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL
					NO		TYPE	STATUS
See Attached List				<u> </u>		<u> </u>	<u>L</u>	
OPERATOR CHANGES DOCUMENTA	ATI	ON						
Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived fi	rom the	FORMER op	erator on:	6/13/2014		
2. (R649-8-10) Sundry or legal documentation wa	s rec	eived fr	rom the	NEW operator	r on:	6/13/2014	•	
3. The new company was checked on the Departm	nent	of Con	nmerce	e, Division of C	orporation	s Database on:	•	6/17/2014
4a. Is the new operator registered in the State of U				Business Num	ber:	9031632-0143	_	
5a. (R649-9-2)Waste Management Plan has been re-	ceive	d on:		N/A	_			
5b. Inspections of LA PA state/fee well sites compl				Yes				
5c. Reports current for Production/Disposition & S				6/17/2014	_			
6. Federal and Indian Lease Wells: The BL	M an	d or the	e BIA l	nas approved the	e merger, na	me change,		
or operator change for all wells listed on Federa	al or	Indian 1	leases o	on:	BLM	Not Yet	BIA	_ Not Yet
7. Federal and Indian Units:								
The BLM or BIA has approved the successor		-			ı:	Not Yet	_	
8. Federal and Indian Communization Ag	reen	ients (("CA") :				
The BLM or BIA has approved the operator f						N/A	_	
9. Underground Injection Control ("UIC") Di	ivision	has ap	pproved UIC F	Form 5 Tra	nsfer of Author	rity to	
Inject, for the enhanced/secondary recovery un	it/pro	ject fo	r the w	ater disposal we	ell(s) listed o	on:	N/A	
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database	on:			6/18/2014	_			
2. Changes have been entered on the Monthly Op	oerat	or Cha	inge Sp	read Sheet on	:	6/18/2014	_	
3. Bond information entered in RBDMS on:				6/23/2014				
4. Fee/State wells attached to bond in RBDMS on				6/23/2014	_			
5. Injection Projects to new operator in RBDMS of	on:			N/A				
6 Pagaint of Assentance of Duilling Procedures 6	A T	DD/Nav			_	6/19/2014		
6. Receipt of Acceptance of Drilling Procedures for7. Surface Agreement Sundry from NEW operator				illa magairead ans	•	6/18/2014 Yes	-	
BOND VERIFICATION:	OIL	ce Sur	iace we	ons received on.	•	1 C5	-	
Federal well(s) covered by Bond Number:				NIN (IDAAA 501				
2. Indian well(s) covered by Bond Number:				NMB000501 NMB000501	_			
3a. (R649-3-1) The NEW operator of any state/fe	e wel	ll(s) list	ted cov			LPM9149893		
3b. The FORMER operator has requested a release					N/A			
LEASE INTEREST OWNER NOTIFIC		_	nom t	non cond on.	14/74	-		
4. (R649-2-10) The NEW operator of the fee wells			ntacter	and informed	hy a letter fr	om the Division		
of their responsibility to notify all interest owner					6/23/2014			
COMMENTS:		VIII	<u></u> 01		V. 23, 2017			

STATE OF UTAH

1	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list		
SUNDRY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	ew wells, significantly deepen existing wells below cur tterals. Use APPLICATION FOR PERMIT TO DRILL I		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER:
2. NAME OF OPERATOR: Linn Operating, Inc.			9. API NUMBER:
3. ADDRESS OF OPERATOR:	y Denver STATE CO ZIP	PHONE NUMBER: (303) 999-4400	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	STATE 2 ZIP	(000)	
FOOTAGES AT SURFACE:			COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN:		STATE: UTAH
	ROPRIATE BOXES TO INDICAT		ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
<u> </u>	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
• • • • • • • • • • • • • • • • • • • •	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ other: Change of operator
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATIO	N
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all I	pertinent details including dates, depths, vol	umes, etc.
December 16, 2013, Berry Petroleum Company conv Berry Petroleum Company	y, LLC authorized and empowere ginal declaration amending the n	n indirect subsidiary of Linn En any named, "Berry Petroleum C ed Linn Operating, Inc. to act as	ergy, LLC. As a result, Berry Company, LLC". On March 5, 2014,
			RECEIVED
			JUN 1 5 2014
			Div. of Oil, Gas & Mining
NAME (PLEASE PRINT) Beverly De	ecker	TITLE Sr Engineering	Technician
SIGNATURE SOULES	y Neckel	DATE 6/1/2014	
(This space for State use only)		A	PPROVED

(This space for State use only)

JUN 18 2014

DIV. OIL GAS & MINING

BY: Rachol Modura

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list			
SUNDR	Y NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill	I new wells, significantly deepen existing wells below cut	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER:	
2. NAME OF OPERATOR:	I I C		9. API NUMBER:	
Berry Petroleum Compar 3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:	
1999 Broadway, Ste 3700 4. LOCATION OF WELL	Denver STATE CO ZIP	80202 (303) 999-4400		
FOOTAGES AT SURFACE:			COUNTY:	
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:		STATE: UTAH	
11. CHECK APP	PROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL	
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON	
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR	
CHROCOHENT BEDODT	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL	
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF	
	COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMATION OF WELL SITE	✓ other: Change of operator	
12. DESCRIBE PROPOSED OR C	COMPLETED OPERATIONS. Clearly show all	RECOMPLETE - DIFFERENT FORMATION		
has changed to "Berry Pe Operating, Inc would bec amending the name char	Berry Petroleum Company and I etroleum Company, LLC". On Ma come the operator of record effectinge along with a copy of the agentestions please don't hesitate to co	rch 5th, 2014 Berry Petroleum Co ive June 1, 2014. I have attached cy agreement and power of attorr	a copy of the original declaration	
			RECEIVED	
			JUN 1 3 2014	
			Div. of Cil. Gas & Mining	
NAME (PLEASE PRINT) Beverly [Decker	TITLE Sr Engineering T	echnician	
SIGNATURE SOLLO ALC	y Liberty	DATE 6/1/2014		
(This space for State use only)			APPROVED	

JUN 1 8 2014

DIV. OIL GAS & MINING

BY: Roch & Medical

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		plication or Po			
	ccompany a Sundr	y Notice, Form 9, requ	esting APD transfer)		
Well name:	See Attached				
API number:					
Location:	Qtr-Qtr:	Section	Township Range:		
Company that filed original application:	Berry Petroleun	Company LLC			
Date original permit was issued:	Lina Operation	. 100			
Company that permit was issued to:	Linn Operating	j, ilic			
Check one	Des	ired Action:			
Transfer pending (unapproved) App	olication for Pe	ermit to Drill to n	ew operator		
The undersigned as owner with legal submitted in the pending Application f owner of the application accepts and	or Permit to Dri	ll, remains valid a	nd does not require revision. The	new	
✓ Transfer approved Application for I	Permit to Drill	to new operator			
The undersigned as owner with legal information as submitted in the previorevision.				·е	
Following is a checklist of some items re	ated to the ap	plication, which	should be verified.	Yes	No
If located on private land, has the ownership	changed?				1
If so, has the surface agreement been	updated?			-	Ħ
Have any wells been drilled in the vicinity of requirements for this location?		vell which would a	ffect the spacing or siting		1
Have there been any unit or other agreement proposed well?	ts put in place	that could affect th	ne permitting or operation of this		1
Have there been any changes to the access proposed location?	route including	ownership or righ	nt-of-way, which could affect the		1
Has the approved source of water for drilling	changed?				1
Have there been any physical changes to the plans from what was discussed at the onsite	e surface locati evaluation?	on or access route	e which will require a change in		1
Is bonding still in place, which covers this pre	oposed well? E	ond No. LPM9149	9893	1	
Any desired or necessary changes to either should be filed on a Sundry Notice, Form 9, necessary supporting information as required	or amended Ap				rred,
Name (please print) Beverly Decker		Title Sr Enginee	oring Technician		
Signature Duverley Liberte		Date			
Representing (company name) Berry Petroleu	m Company LLC a	nd Linn Operating, Inc.			

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

ofer Application or Permit to Drill

	Request to	ı ranster Ap	plication or Pe	ermit to Drill		
	(This form should ac	company a Sundr	y Notice, Form 9, requ	esting APD transfer)		
Well	name:	See Attached				
API	number:					
Loca	ition:	Qtr-Qtr:	Section:	Township Range:		
Com	pany that filed original application:	Berry Petroleun	Company LLC			
Date	original permit was issued:					
Com	pany that permit was issued to:	Linn Operating	g, Inc			
Check one		Des	ired Action:			
1	Transfer pending (unapproved) App	lication for Po	ermit to Drill to ne	ew operator		
	The undersigned as owner with legal ri submitted in the pending Application fo owner of the application accepts and a	or Permit to Dri	ll, remains valid ar	nd does not require revision. The	new	
	Transfer approved Application for P	ermit to Drill	to new operator			
	The undersigned as owner with legal ri information as submitted in the previou revision.				re	
Folio	owing is a checklist of some items rela	ated to the ap	plication, which s	should be verified.	Yes	No
If loc	ated on private land, has the ownership	changed?				✓
	If so, has the surface agreement been	updated?				
	any wells been drilled in the vicinity of trements for this location?	he proposed w	ell which would af	fect the spacing or siting		1
	there been any unit or other agreement osed well?	s put in place	that could affect th	e permitting or operation of this		1
	there been any changes to the access osed location?	route including	ownership or righ	t-of-way, which could affect the		✓
Has	the approved source of water for drilling	changed?				1
	there been any physical changes to the from what was discussed at the onsite		on or access route	which will require a change in		1
Is bo	nding still in place, which covers this pro	posed well? E	Sond No. LPM9149	893	1	
shou	desired or necessary changes to either a ld be filed on a Sundry Notice, Form 9, o ssary supporting information as required	or amended Ap				rred,
Nam	e (please ofint) Beverly Decker		Title Sr Enginee	ring Technician		
Signa	ature Della Le L'Ucke	4	Date			
Repr	esenting (company name) Berry Petroleur	n Company LLC a	and Linn Operating, Inc			

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Well Name	Section	TWN	PNG	API Number	Entity	Mineral Lease	Wall Type	Well Status	I Init
Z and T UTE TRIBAL 2-21				4301331280			WI	A	BRUNDAGE CANYON
UTE TRIBAL 12-30-54	+			4301331280			WI	A	BRUNDAGE CANYON
									·
UTE TRIBAL 14-30-54				4301332748			WI	A	BRUNDAGE CANYON
UTE TRIBAL 10-30D-54				4301332893			WI	A	BRUNDAGE CANYON
UTE TRIBAL 6-30-54				4301332975			WI	Α	BRUNDAGE CANYON
UTE TRIBAL 1-21-54				4301333388	15937		WI	Α	BRUNDAGE CANYON
UTE TRIBAL 13-17D-55	17	050S	050W	4301333550		Indian	OW	APD	
UTE TRIBAL 11-14D-54	14			4301333596		Indian	OW	APD	
UTE TRIBAL 16-17D-55	17	050S	050W	4301333622		Indian	OW	APD	
UTE TRIBAL 15-28D-55	28	050S	050W	4301333623		Indian	ow	APD	
LC TRIBAL 14-16D-56				4301334283		Indian	OW	APD	
FEDERAL 10-10D-65	+			4301350523		Federal	OW	APD	
LC TRIBAL 3-23D-56				4301350624		Indian	ow	APD	
FEDERAL 2-1D-64	1			4301350765		Federal	OW	APD	
FEDERAL 7-1D-64				4301350766		Federal	OW	APD	
FEDERAL 9-1D-64	-		-						
			+	4301350767		Federal	OW	APD	
LC TRIBAL 1-28D-56				4301350865	ļ	Indian	OW	APD	
LC TRIBAL 13H-9-56				4301350874		Indian	OW	APD	
CC FEE 8-24-38				4301350885		Fee	OW	APD	
LC TRIBAL 4H-26-56		050S	060W	4301350951		Indian	OW	APD	
LC FEE 4H-12-57	12	050S	070W	4301350952		Fee	OW	APD	
CC TRIBAL 4-2-48	2	040S	080W	4301350964		Indian	OW	APD	
LC TRIBAL 5H-34-45	34	040S	050W	4301350974		Indian	ow	APD	
LC TRIBAL 11-34-45				4301350975		Indian	OW	APD	
LC TRIBAL 7-2D-56	1			4301350988		Indian	OW	APD	
LC TRIBAL 10-18D-56		050S		4301350989	-	Indian	OW	APD	
CC TRIBAL 4-30D-38				4301350993		Indian	OW	APD	
FEDERAL 4-1-65				4301351016					
LC TRIBAL 3-16D-56	+				-	Federal	OW	APD	
				4301351032	-	Indian	OW	APD	
CC FEE 6-21-38	***************************************			4301351059		Fee	OW	APD	
LC TRIBAL 13H-28-45				4301351061	-	Indian	OW	APD	
LC TRIBAL 5H-23-45	T Parameter			4301351071		Indian	OW	APD	
LC TRIBAL 4H-27-45				4301351072		Indian	OW	APD	
LC TRIBAL 16-27-45	27	040S	050W	4301351074		Indian	OW	APD	
LC TRIBAL 12-27-45	27	040S	050W	4301351075		Indian	OW	APD	
LC TRIBAL 16-23-45	23	040S	050W	4301351077		Indian	OW	APD	
LC TRIBAL 12H-30-56	30			4301351133		Indian	OW	APD	
LC TRIBAL 5-29D-56	29			4301351184		Indian	OW	APD	
LC TRIBAL 12H-19-56		050S		4301351193		Indian	OW	APD	
LC FEE 15-11D-56				4301351197		Fee	OW	APD	
LC TRIBAL 13H-10-56				4301351107		Indian	OW	APD	
LC TRIBAL 2-31D-45				4301351261					
LC TRIBAL 13H-24-45			+			Indian	OW	APD	
				4301351273		Indian	OW	APD	
UTE TRIBAL 6-21D-55				4301351274		Indian	OW	APD	
UTE TRIBAL 15-16D-55				4301351284		Indian	OW	APD	
UTE TRIBAL 4H-15-55				4301351292		Indian	OW	APD	
UTE TRIBAL 13H-14-54				4301351297		Indian	OW	APD	
UTE TRIBAL 1-32-55	32			4301351298		Indian	OW	APD	
UTE TRIBAL 4-21D-55	21	050S	050W	4301351299		Indian	OW	APD	
LC TRIBAL 12-33-45	33			4301351301		Indian	OW	APD	
UTE TRIBAL 16-15D-55				4301351302		Indian	OW	APD	
UTE TRIBAL 2-24-55	,			4301351304		Indian	OW	APD	1
LC TRIBAL 11-32D-56				4301351304	-	Indian	OW		
LC TRIBAL 1-32D-56				4301351313				APD	
LC TRIBAL 51-32D-36						Indian	OW	APD	
				4301351318		Indian	OW	APD	
LC TRIBAL 5H-33-45				4301351338	<u> </u>	Indian	OW	APD	
LC TRIBAL 14-28-45				4301351339		Indian	OW	APD	
LC TRIBAL 16-32D-45				4301351340		Indian	OW	APD	
LC TRIBAL 3-31-45				4301351347		Indian	ow	APD	
LC TRIBAL 1-18D-56	18	050S	060W	4301351367		Indian	OW	APD	
LC TRIBAL 9-18D-56				4301351368		Indian	OW	APD	
LC FEE 9-23D-56				4301351380		Fee	OW	APD	
LC TRIBAL 1-34D-45				4301351382	-	Indian	OW	APD	
LC TRIBAL 12-21D-56				4301351382	t -				<u> </u>
				4301351383	-	Indian Indian	OW OW	APD APD	
LC TRIBAL 7-29D-56									

					_		
UTE TRIBAL 6-15-55	15	050S	050W	4301351399	Indian	OW	APD
UTE TRIBAL 13H-21-55	21	050S	050W	4301351403	Indian	ow	APD
LC TRIBAL 6-16D-56	16	0508	060W	4301351406	Indian	ow	APD
LC TRIBAL 3-14D-56	14	050S	060W	4301351408	Indian	ow	APD
CC FEE 13-9D-37	9	030S	070W	4301351409	Fee	ow	APD
CC FEE 16-21D-38	21	0308	080W	4301351410	Fee	OW	APD
UTE TRIBAL 5H-10-54	10	050S		4301351415	Indian	ow	APD
LC TRIBAL 13-6D-57	6	050S		4301351417	Indian	OW	APD
LC TRIBAL 9-23-45	23			4301351432	Indian	OW	APD
LC TRIBAL 5-28D-56	29	050S		4301351441	Indian	ow	APD
LC TRIBAL 15-20D-56	29			4301351443	Indian	OW	APD
LC FEE 14-1-56	1	050S		4301351457	Fee	OW	APD
LC TRIBAL 5-3D-56	3	050S		4301351459	Indian	OW	APD
LC Tribal 16-33-45	33	040S	_	4301351463	Indian	OW	APD
LC TRIBAL 7-23D-56	23	050S		4301351479	Indian	OW	APD
LC TRIBAL 4-7-56	7	050S		4301351482	Indian	OW OW	APD
LC TRIBAL 3-2-56	2	050S		4301351483	Indian	ow	APD
LC TRIBAL 12H-23-56	23	050S		4301351488	Indian	ow	APD
CC TRIBAL 15-34D-38	2	0408		4301351490	Indian	ow	APD
CC TRIBAL 14-35D-38	2	040S		4301351491	Indian	ow	APD
CC TRIBAL 8-3D-48	2	040S		4301351493	Indian	ow	APD
LC TRIBAL 12HH-31-45	32	0408	_	4301351499	Indian	ow	APD
LC TRIBAL 1-10D-56	10	050S		4301351510	Indian	OW OW	APD
LC TRIBAL 3-10D-56	10	050S		4301351511			
LC TRIBAL 3-10D-56	10	050S		4301351511	Indian Indian	OW OW	APD APD
LC TRIBAL 9-29D-56	29	050S		4301351513	Indian		<u> </u>
UTE TRIBAL 1-16-55	16	050S				OW	APD
CC Tribal 3-27D-38	27			4301351519	Indian	OW	APD
LC FEE 10-36D-56	36	0308		4301351604	Indian	OW	APD
Myrin Fee 3-16D-55		0508		4301351622	Fee	OW	APD
	16	0508		4301351633	Fee	OW	APD
LC TRIBAL 12H-34-56	34	0508		4301351634	Indian	OW	APD
UTE FEE 12-16D-55	16	050S		4301351635	Fee	OW	APD
LC TRIBAL 15-27-56	27	0508		4301351649	Indian	OW	APD
LC TRIBAL 11-27D-56	27	050S		4301351650	Indian	OW	APD
LC TRIBAL 1-17-56	17	0508		4301351704	Indian	OW	APD
LC Tribal 13-11D-58	11	0508		4301351708	Indian	OW	APD
LC Tribal 15-11D-58	11	050S		4301351709	Indian	OW	APD
LC Tribal 4HW-8-56 LC FEE 1-11D-56	8	0508		4301351710	Indian	OW	APD
	11	0508		4301351712	Fee	OW	APD
LC TRIBAL 3-11D-56	11			4301351713	Indian	OW	APD
LC TRIBAL 7-11D-56	11	050S	-	4301351714	Indian	OW	APD
LC TRIBAL 9-34D-45	34			4301351717	Indian	OW	APD
LC Tribal 8M-23-45	23			4301351722	Indian	OW	APD
LC TRIBAL 4-34D-45	34			4301351723	Indian	OW	APD
LC TRIBAL 7-34D-45	34			4301351724	Indian	OW	APD
LC Tribal 3-14D-58	11			4301351726	Indian	OW	APD
LC Tribal 11-11D-58	11			4301351729	Indian	OW	APD
LC TRIBAL 8-31D-56	31	050S		4301351746	Indian	OW	APD
LC TRIBAL 13-34D-45	34			4301351747	Indian	OW	APD
LC Fee 2-6D-57	6			4301351749	Fee	OW	APD
LC Tribal 15-12D-58	12			4301351783	Indian	OW	APD
LC Tribal 9-12D-58	12	050S		4301351784	Indian	OW	APD
LC Tribal 1-13D-58	12			4301351785	Indian	OW	APD
LC Tribal 13-7D-57	12			4301351786	Indian	OW	APD
LC Tribal 9-2D-58	2			4301351788	Indian	OW	APD
LC Tribal 1-2D-58	2			4301351789	Indian	OW	APD
LC Tribal 5-1D-58	2			4301351790	Indian	OW	APD
LC TRIBAL 12-31D-56	31		-	4301351799	Indian	OW	APD
LC TRIBAL 8-20D-56	20	050S		4301351800	Indian	OW	APD
LC TRIBAL 6-31D-56	31			4301351801	Indian	OW	APD
LC Tribal 11-7D-57	7			4301351814	Indian	OW	APD
LC Tribal 5-7D-57	7		-	4301351815	Indian	OW	APD
LC Fee 15-6D-57	6			4301351816	Fee	OW	APD
LC Tribal 11-6D-57	6			4301351817	Indian	OW	APD
LC TRIBAL 9-27-56	27			4301351822	Indian	OW	APD
LC TRIBAL 7-27D-56	27			4301351823	Indian	OW	APD
							

LC Fee 7-31D-45	31			4301351857	Fee	OW	APD
LC Tribal 5-31D-45	31		-	4301351858	Indian	OW	APD
LC Tribal 8-33-45	33		-	4301351859	Indian	OW	APD
LC Tribal 16-31-45	31		+	4301351863	Indian	OW	APD
LC Tribal 7-23D-45	23		-	4301351865	Indian	OW	APD
LC Tribal 1-23D-56	23	050S	+	4301351866	Indian	OW	APD
LC TRIBAL 1-19-56	19	050S		4301351867	Indian	OW	APD
LC TRIBAL 7-19D-56	19	050S		4301351868	Indian	OW	APD
LC TRIBAL 9-4D-56	4	050S		4301351869	Indian	OW	APD
LC Tribal 14-32D-45	32	040S	+	4301351879	Indian	OW	APD
LC TRIBAL 7-17D-56	17	050S		4301351886	Indian	OW	APD
LC TRIBAL 5-17D-56	17	0508	-	4301351887	Indian	OW	APD
LC FEE 4-32D-45	31	040S		4301351892	Fee	OW	APD
LC TRIBAL 9-2D-56	2	050S		4301351893	Indian	OW	APD
LC TRIBAL 1-2D-56	2	050S	_	4301351894	Indian	OW	APD
LC Tribal 15-23D-45	23	040S		4301351895	Indian	OW	APD
LC TRIBAL 11-34D-56	34	050S	060W		Indian	OW	APD
LC TRIBAL 9-5D-56	4	050S		4301351901	Indian	OW	APD
LC Tribal 10-28D-45	28	040S	+	4301351903	Indian	OW	APD
LC TRIBAL 13-20D-56	20	050S	+	4301351904	Indian	OW	APD
Ute Tribal 14-17-55	17	050S		4301351908	Indian	OW	APD
LC Tribal 3-27D-45	27	040S	+	4301351911	Indian	OW	APD
LC TRIBAL 9-34D-56	34	050S		4301351914	Indian	OW	APD
CC Fee 8R-9-37	9	030S		4301351937	Fee	OW	APD
LC Tribal 10-33D-45	33	040S		4301351939	Indian	OW	APD
LC Tribal 14-33D-45	33	040S	050W	4301351940	Indian	OW	APD
LC Tribal 10-27D-45	27	040S		4301351941	Indian	OW	APD
LC Tribal 14-27D-45	27	040S	050W	4301351951	Indian	OW	APD
LC Tribal 6-33D-45	33	040S		4301351955	Indian	OW	APD
LC Tribal 6-32D-45	32	040S		4301351956	Indian	OW	APD
Federal 3-11D-65	11	060S	050W	4301351982	Federal	OW	APD
Federal 2-4-64	4	060S	_040W	4301351983	Federal	OW	APD
Federal 5-11D-65	11	060S	050W	4301351984	Federal	OW	APD
Federal 7-4D-64	4	060S	040W	4301351985	Federal	OW	APD
Federal 3-4D-64	4	060S		4301351986	Federal	OW	APD
Federal 8-4D-64	4	060S	040W	4301351988	Federal	OW	APD
Federal 6-4D-64	4	060S	040W	4301351989	Federal	OW	APD
Federal 7-9D-64	9	060S	040W	4301351990	Federal	OW	APD
Federal 4-4D-64	4	060S	040W	4301351991	Federal	OW	APD
Federal 9-4D-64	4	060S	040W	4301352004	Federal	ow	APD
Federal 10-4D-64	4	060S	040W	4301352011	Federal	ow	APD
Federal 3-9D-64	9	060S	040W	4301352015	Federal	ow	APD
Federal 1-9D-64	9	060S	040W	4301352020	Federal	OW	APD
Federal 6-9-64	9	060S	040W	4301352021	Federal	OW	APD
Federal 8-9D-64	9	060S	040W	4301352023	Federal	OW	APD
Federal 1-4D-64	4	060S	040W	4301352025	Federal	OW	APD
Federal 16-4D-64	4	060S	040W	4301352026	Federal	OW	APD
LC Tribal 10-23D-45	23	040S	050W	4301352029	Indian	ow	APD
Federal 15-4D-64	4	060S	040W	4301352032	Federal	ow	APD
Federal 5-9D-64	9	060S	040W	4301352035	Federal	OW	APD
Federal 9-9D-64	9	060S	040W	4301352036	Federal	ow	APD
Federal 11-9D-64	9	060S		4301352037	Federal	OW	APD
Federal 12-9D-64	9	060S		4301352038	Federal	OW	APD
Federal 13-9D-64	9	060S		4301352039	Federal	ow	APD
FEDERAL 14-9D-64	9	060S		4301352040	Federal	OW	APD
Federal 10-9D-64	9	060S		4301352041	Federal	OW	APD
Federal 2-9D-64	9	060S		4301352042	Federal	OW	APD
Federal 15-9D-64	9	060S		4301352043	Federal	OW	APD
Federal 16-9D-64	9	060S		4301352044	Federal	OW	APD
LC Tribal 10-32D-45	32	040S		4301352065	Indian	OW	APD
LC Tribal 16-28D-45	28	040S		4301352073	Indian	OW	APD
LC Tribal 15-24D-45	24	040S		4301352074	Indian	OW	APD
LC Tribal 13-17D-56	17	050S		4301352076	Indian	OW	APD
LC Tribal 15-17D-56	17	0508		4301352077	Indian	ow	APD
LC Tribal 5-26D-56	26	050S		4301352097	Indian	OW	APD
LC Tribal 11-26D-56	26	050S		4301352098	Indian	OW	APD
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LC Tribal 13-26D-56	26	050S	060V	V 4301352099	Indian	OW	APD	
LC Tribal 2-27D-45	27	040S	050V	V 4301352100	Indian	ow	APD	
LC Tribal 8-27D-45	27	040S		V 4301352101	Indian	OW	APD	
LC Tribal 4-9D-56	9	050S		V 4301352102	Indian	OW	APD	
LC Tribal 8-32D-45	32	040S		V 4301352135	Indian	OW	APD	
UTE Tribal 15-24D-54	24	050S	+	V 4301352156	Indian	GW	APD	
UTE Tribal 9-24D-54	24	050S	-	V 4301352157	Indian	GW	APD	-
UTE Tribal 1-25D-54	25	050S	-	V 4301352173	Indian	GW	APD	
UTE Tribal 9-25D-54	25	050S	040V		Indian	GW	APD	
Myrin Tribal 9-10D-55	10	050S		V 4301352177	Indian	ow	APD	
Myrin Tribal 16-10D-55	10	050S		V 4301352199	Indian	ow	APD	
Myrin Tribal 10-10D-55	10	050S		V 4301352190 V 4301352191	Indian	OW	APD	
		-						
UTE Tribal 1-24D-54	24	0508		V 4301352304	Indian	GW	APD	
UTE Tribal 7-24D-54	24	050S		V 4301352306	Indian	GW	APD	
UTE Tribal 12-25D-54	25	050S	+	V 4301352308	Indian	GW	APD	
UTE Tribal 4-13D-54	13	050S	_	V 4301352321	Indian	GW	APD	
UTE Tribal 13-25D-54	25	050S	040		Indian	GW	APD	
Abbott Fee 1-6D-54	6	0508	040V		Fee	OW	APD	
Abbott Fee 7-6D-54	6	050S		V 4301352327	Fee	OW	APD	
UTE Tribal 3-24D-54	24		_040V	V 4301352347	Indian	GW	APD	
UTE Tribal 5-24D-54	24	050S	040V	V 4301352348	Indian	GW	APD	
State Tribal 7-12D-55	12	050S	050V	V 4301352369	Indian	ow	APD	
State Tribal 14-1D-55	1	050S	050V	V 4301352372	Indian	OW	APD	
State Tribal 11-1D-55	1	050S	050V	V 4301352373	Indian	OW	APD	
State Tribal 13-1D-55	1	050S		V 4301352374	Indian	OW	APD	
State Tribal 12-2D-55	2	050S		V 4301352391	Indian	OW	APD	
State Tribal 14-2D-55	2	050S	_	V 4301352392	Indian	OW	APD	
State Tribal 13-2D-55	2			V 4301352393	Indian	ow	APD	
State Tribal 14-3D-55	3			V 4301352430	Indian	ow	APD	
State Tribal 11-3D-55	3	050S		V 4301352434	Indian	OW	APD	
State Tribal 13-3D-55	3		_	V 4301352435	Indian	OW		
UTE TRIBAL 2-5D-55	5	+					APD	
		050S		V 4301352450	Indian	OW	APD	Dava in Con Caraviore
Ute Tribal 1-5D-55	5			V 4301352456	Indian	OW	APD	BRUNDAGE CANYON
Ute Tribal 7-5-55	5	050S		V 4301352459	Indian	OW	APD	
Ute Tribal 3-16D-54	9	050S		V 4301352467	Indian	OW	APD	
State Tribal 1-3D-55	3	050S		V 4301352471	Indian	OW	APD	
State Tribal 2-3D-55	3	0508		V 4301352472	Indian	OW	APD	
State Tribal 7-3D-55	_		1050V	V 4301352473	Indian	OW	APD	
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State Tribal 8-3D-55	3	050S	050V	V 4301352474	Indian	OW	APD	
UTE FEE 10-9D-54	3	050S 050S	050V 040V	V 4301352474 V 4301352475	Indian Fee	OW OW	APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54	3 9 9	050S 050S 050S	050V 040V 040V	V 4301352474 V 4301352475 V 4301352476	Indian			
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54	3 9 9	050S 050S 050S 050S	050V 040V 040V 040V	V 4301352474 V 4301352475 V 4301352476 V 4301352478	Indian Fee	OW_	APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54	3 9 9	050S 050S 050S 050S	050V 040V 040V 040V	V 4301352474 V 4301352475 V 4301352476	Indian Fee Fee	OW OW	APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54	3 9 9	050S 050S 050S 050S 050S	050 V 040 V 040 V 040 V 040 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478	Indian Fee Fee Fee	OW OW OW	APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54	3 9 9 9 9	050S 050S 050S 050S 050S 060S	050 V 040 V 040 V 040 V 040 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481	Indian Fee Fee Fee Indian	OW OW OW	APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65	3 9 9 9 9 9	050S 050S 050S 050S 050S 060S	050 V 040 V 040 V 040 V 040 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495	Indian Fee Fee Fee Indian Federal	OW OW OW OW OW	APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65	3 9 9 9 9 9 6 6	050S 050S 050S 050S 050S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496	Indian Fee Fee Fee Indian Federal Federal Federal	OW OW OW OW OW OW	APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65	3 9 9 9 9 9 6 6 6	050S 050S 050S 050S 050S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498	Indian Fee Fee Fee Indian Federal Federal Federal Federal	OW OW OW OW OW OW	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65	3 9 9 9 9 6 6 6 6 6 3	050S 050S 050S 050S 050S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532	Indian Fee Fee Indian Federal Federal Federal Federal Indian	OW OW OW OW OW OW OW	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65 State Tribal 3-3D-55 State Tribal 4-3D-55	3 9 9 9 9 6 6 6 6 6 3 3	050S 050S 050S 050S 050S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532 V 4301352533	Indian Fee Fee Indian Federal Federal Federal Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65 State Tribal 3-3D-55 State Tribal 5-3D-55	3 9 9 9 9 6 6 6 6 6 3 3 3	050S 050S 050S 050S 060S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532 V 4301352533 V 4301352535	Indian Fee Fee Indian Federal Federal Federal Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65 State Tribal 3-3D-55 State Tribal 5-3D-55 State Tribal 6-3D-55	3 9 9 9 9 6 6 6 6 6 3 3 3 3	050S 050S 050S 050S 060S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532 V 4301352533 V 4301352535 V 4301352536	Indian Fee Fee Indian Federal Federal Federal Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65 State Tribal 3-3D-55 State Tribal 5-3D-55 State Tribal 6-3D-55 Federal 2-7D-65	3 9 9 9 9 6 6 6 6 6 3 3 3 3 7	050S 050S 050S 050S 050S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532 V 4301352533 V 4301352535 V 4301352536 V 4301352537	Indian Fee Fee Indian Federal Federal Federal Indian Indian Indian Indian Indian Federal	OW OW OW OW OW OW OW OW OW OW OW OW OW O	APD APD APD APD APD APD APD APD APD APD	
UTE FEE 10-9D-54 UTE FEE 12-9D-54 UTE FEE 16-9D-54 Ute Tribal 2-16D-54 Federal 14-6D-65 Federal 13-6D-65 Federal 11-6D-65 Federal 10-6D-65 State Tribal 3-3D-55 State Tribal 5-3D-55 State Tribal 6-3D-55 Federal 2-7D-65 Federal 5-7D-65	3 9 9 9 9 6 6 6 6 6 3 3 3 7 7	050S 050S 050S 050S 050S 060S 060S 060S	050 V 040 V 040 V 040 V 050 V 050 V 050 V 050 V 050 V 050 V 050 V 050 V 050 V	V 4301352474 V 4301352475 V 4301352476 V 4301352478 V 4301352481 V 4301352495 V 4301352496 V 4301352497 V 4301352498 V 4301352532 V 4301352533 V 4301352535 V 4301352536 V 4301352537 V 4301352537	Indian Fee Fee Indian Federal Federal Federal Indian Indian Indian Indian Federal Federal	OW OW OW OW OW OW OW OW OW OW OW OW OW O	APD APD APD APD APD APD APD APD APD APD	
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Federal 15-6D-65	6	060S	050W	4301352591	F	Federal	OW	APD
UTE TRIBAL 14-12D-55	12	050S	050W	4301352592	I	ndian	OW	APD
UTE TRIBAL 13-12D-55	12	050S	050W	4301352593	I	ndian	OW	APD
UTE TRIBAL 10-11D-54	11	050S	040W	4301352603	I	ndian	OW	APD
UTE TRIBAL 9-11D-54	11	050S	040W	4301352604	I	ndian	OW	APD
UTE TRIBAL 15-11-54	11	050S	040W	4301352605	I	ndian	OW	APD
UTE TRIBAL 16-11D-54	11	050S	040W	4301352606	1	ndian	OW	APD
UTE TRIBAL 14-11D-55	11	050S		4301352610	I	ndian	OW	APD
UTE TRIBAL 13-11D-55	11	050S		4301352611		ndian	OW	APD
UTE TRIBAL 12-11D-55	11	050S	050W	4301352612	I	ndian	OW	APD
UTE TRIBAL 11-11D-55	11	050S		4301352613	_	ndian	OW	APD
Federal 6-7D-65	7	060S	050W	4301352682	F	Federal	OW	APD
Federal 11-7D-65	7	060S		4301352683	F	ederal	OW	APD
Federal 10-7D-65	7	060S		4301352684		Federal	OW	APD
Federal 7-7D-65	7			4301352685		Federal	OW	APD
UTE TRIBAL 14-30D-55	30	050S		4301352687		ndian	OW	APD
UTE TRIBAL 13-30D-55	30	_		4301352688		ndian	OW	APD
UTE TRIBAL 12-30D-55	30	050S	+	4301352689		ndian	OW	APD
UTE TRIBAL 11-30D-55	30	050S		4301352690		ndian	OW	APD
UTE TRIBAL 7-17D-55	17	050S		4301352691		ndian	OW	APD
UTE TRIBAL 6-17D-55	17	050S		4301352692		ndian	OW	APD
UTE TRIBAL 3-17D-55	17	050S		4301352693		ndian	OW	APD
UTE TRIBAL 2-17D-55	17	050S		4301352694		ndian	OW	APD
UTE TRIBAL 4-17D-55	17	050S		4301352695		ndian	OW	APD
State Tribal 3-12D-55	12	050S		4301352697		ndian	OW	APD
State Tribal 4-12D-55	12	050S		4301352698		ndian	OW	APD
UTE TRIBAL 12-31D-55	31	050S		4301352699		ndian	OW	APD
UTE TRIBAL 13-31D-55	31	050S		4301352700		ndian	OW	APD
UTE TRIBAL 14-31D-55	31	050S	+	4301352701		ndian	OW	APD
UTE TRIBAL 14-13D-54	13	050S		4301352702		ndian	OW	APD
UTE TRIBAL 11-31-55	31	050S		4301352703		ndian	OW	APD
State Tribal 3-11D-55	11	050S		4301352704		ndian	OW	APD
State Tribal 4-11D-55	11			4301352705	I	ndian	OW	APD
State Tribal 5-11D-55	11	050S		4301352706		ndian	OW	APD
State Tribal 6-11D-55	11	050S		4301352707		ndian	OW	APD
State Tribal 8-11D-55	11	050S		4301352708		ndian	OW	APD
State Tribal 7-11D-55	11	050S		4301352709		ndian	OW	APD
State Tribal 2-11D-55	11	050S		4301352710		ndian	OW	APD
State Tribal 1-11D-55	11	050S		4301352711		ndian	OW	APD
UTE TRIBAL 9-4D-55	4	050S		4301352713		ndian	OW	APD
State Tribal 2-10D-55	10	0508	1	4301352714		ndian	OW	APD
State Tribal 7-10D-55	10			4301352715		ndian	OW	APD
State Tribal 8-10D-55	10	050S		4301352716		ndian	OW	APD
UTE TRIBAL 10-4D-55	4			4301352717		ndian	OW	APD
UTE TRIBAL 15-4D-55	4	050S		4301352718		ndian	OW	APD
State Tribal 1-10D-55	10			4301352720		ndian	OW	APD
UTE TRIBAL 16-4D-55	4	050S		4301352721		ndian	OW	APD
State Tribal 4 10D 55	10	050S		4301352723		ndian	OW	APD
State Tribal 4-10D-55 State Tribal 5-10D-55	10	0508		4301352724		ndian	OW	APD
State Tribal 5-10D-55 State Tribal 6-10D-55	10	0508		4301352725		ndian	OW	APD
	10	,		4301352726		ndian	OW	APD
UTE TRIBAL 11-5D-55	5	050S		4301352727		ndian	OW	APD
UTE TRIBAL 12-5D-55	5			4301352728		ndian	OW	APD
UTE TRIBAL 14-5D-55	5			4301352729		ndian	OW	APD
UTE TRIBAL 14-5D-55	5			4301352730		ndian	OW	APD
UTE TRIBAL 9-30D-55	30	0508		4301352731		ndian	OW	APD
State Tribal 15-2D-55	2	0508	-	4301352732		ndian	OW	APD
State Tribal 16-2D-55	2	0508		4301352733		ndian	OW	APD
State Tribal 10-2D-55	2			4301352734		ndian	OW	APD
State Tribal 9-2D-55	2			4301352735		ndian	OW	APD
UTE TRIBAL 15 30D 55	30			4301352736		ndian	OW	APD
UTE TRIBAL 15-30D-55	30			4301352737		ndian	OW	APD
UTE TRIBAL 16-30D-55	30			4301352738		ndian	OW	APD
Myrin Tribal 9-19D-55	19			4301352739		ndian	OW	APD
State Tribal 16-3D-55	3			4301352740		ndian	OW	APD
State Tribal 15-3D-55	3	050S	050W	4301352741	I	ndian	_ow	APD

		_					
State Tribal 10-3D-55	3	050S	050W 4301352742		Indian	OW	APD
State Tribal 9-3D-55	3	050S	050W 4301352743		Indian	ow	APD
Myrin Tribal 15-19D-55	19	050S	050W 4301352744		Indian	OW	APD
Myrin Tribal 13-19D-55	19	050S	050W 4301352745		Indian	ow	APD
Myrin Tribal 12-19D-55	19	050S	050W 4301352746		Indian	ow	APD
UTE TRIBAL 5-4D-55		050S	050W 4301352747		Indian	OW	APD
UTE TRIBAL 4-4D-55	4	050S	050W 4301352748		Indian	ow	APD
UTE TRIBAL 3-4D-55	4	050S	050W 4301352749	+	Indian	OW	APD
UTE TRIBAL 6-4D-55		-	050W 4301352754		Indian	ow	APD
			 		Indian	ow	APD
UTE TRIBAL 3-31D-55			050W 4301352757	+			
UTE TRIBAL 5-31D-55		_	050W 4301352758	ļ	Indian	OW	APD
UTE TRIBAL 6-31D-55	31		050W 4301352759	ļ	Indian	OW	APD
UTE TRIBAL 7-31D-55	31		050W 4301352764	ļ	Indian	OW	APD
Myrin Tribal 11-19D-55	19		050W 4301352765		Indian	OW	APD
Federal 8-14D-65	14	060S	050W 4301352767		Federal	OW	APD
Federal 7-14D-65	14	060S	050W 4301352768		Federal	OW	APD
Federal 2-14D-65	14	060S	050W 4301352769		Federal	OW	APD
Federal 1-14D-65	14		050W 4301352770	<u> </u>	Federal	OW	APD
UTE TRIBAL 8-5D-55	5	050S	050W 4301352773	i	Indian	ow	APD
UTE TRIBAL 4-31D-55	31	050S	050W 4301352775	+	Indian	OW	APD
							
UTE TRIBAL 4-30D-55	30	050S	050W 4301352796	-	Indian	OW	APD
UTE TRIBAL 5-30D-55	30	050S	050W 4301352797	-	Indian	OW	APD
UTE TRIBAL 7-30D-55	30	050S	050W 4301352799		Indian	OW	APD
Federal 1-13D-65	13	060S	050W 4301352800		Federal	OW	APD
Federal 7-13D-65	13	060S	050W 4301352802		Federal	OW	APD
UTE TRIBAL 1-30D-55	30	050S	050W 4301352809		Indian	OW	APD
LC TRIBAL 6-25D-56	25	050S	060W 4301352810		Indian	ow	APD
LC TRIBAL 4-25D-56	25	050S	060W 4301352812	1	Indian	OW	APD
Federal 6-13D-65	13	060S	050W 4301352813		Federal	OW	APD
Federal 4-13D-65	13	060S	050W 4301352814		Federal	ow	APD
Federal 3-13D-65	13			+		OW	APD
7.4		060S	050W 4301352815		Federal		
Federal 3-16D-64	16	060S	040W 4301352823		Federal	OW	APD
Federal 4-16D-64	16	060S	040W 4301352824		Federal	<u>o</u> w	APD
Federal 5-16D-64	16	060S	040W 4301352825	ļ	Federal	OW	APD
Federal 6-16D-64	16	060S	040W 4301352826		Federal	OW	APD
Federal 5-13D-65	13	060S	050W 4301352827	1	Federal	ow	APD
LC TRIBAL 1-25D-56	25	050S	060W 4301352835		Indian	OW	APD
LC TRIBAL 2-25D-56	25	050S	060W 4301352836		Indian	OW	APD
LC TRIBAL 8-25D-56	25	050S	060W 4301352837		Indian	OW	APD
UTE FEE 1-13D-55	13	050S	050W 4301352838		Fee	OW	APD
LC TRIBAL 9-25D-56	25	050S	060W 4301352840		Indian	OW	APD
LC TRIBAL 15-25-56	25	+	060W 4301352844			OW	
		_			Indian		APD
Federal 9-5D-65	5	060S	050W 4301352846		Federal	OW	APD
Federal 10-5D-65	5	060S	050W 4301352847		Federal	OW	APD
LC TRIBAL 16-25D-56	25		060W 4301352848	+	Indian	OW	APD
LC TRIBAL 10-25D-56	25	050S	060W 4301352849		Indian	OW	APD
UTE TRIBAL 8-30D-55	29	050S	050W 4301352855		Indian	OW	APD
UTE TRIBAL 9-29D-55	29	050S	050W 4301352870	Ĺ	Indian	OW	APD
UTE TRIBAL 6-24D-55	24	050S	050W 4301352871		Indian	OW	APD
UTE TRIBAL 16-17D-55	17				Indian	OW	APD
UTE TRIBAL 13-27D-55	27	050S	050W 4301352882		Indian	OW	APD
UTE TRIBAL 4-29D-55	29	-			Indian	OW	APD
UTE TRIBAL 1-29D-55	29	050S	050W 4301352884	_	Indian	ow	APD
Federal 4-2D-65							
	2				Federal	OW	APD
Federal 5-2D-65	2	060S	050W 4301352886		Federal	OW	APD
Federal 12-2D-65	2	060S			Federal	OW	APD
LC TRIBAL 12-25D-56	25	050S	060W 4301352888		Indian	OW	APD
LC TRIBAL 13-25D-56	25	050S	060W 4301352890		Indian	OW	APD
LC TRIBAL 14-25D-56	25	050S	060W 4301352891		Indian	OW	APD
Federal 15-3D-65	3	060S	050W 4301352892		Federal	OW	APD
Federal 9-3D-65	3	+	050W 4301352893	The state of the s	Federal	OW	APD
Federal 8-3D-65	3	060S	050W 4301352894		Federal	OW	APD
Federal 6-3D-65	3	060S	050W 4301352895		Federal	OW	APD
UTE TRIBAL 6-28D-55		+			+		
	28					OW	DRL
MOON TRIBAL 9-27D-54	27	-				OW	DRL
LC TRIBAL 9-16D-56	16	050S	060W 4301350600	99999	Indian	OW	DRL

FEDERAL 15-6D-64	6	060S	040W	4301351219	18793	Federal	OW	DRL
UTE TRIBAL 9-21D-55	21	0508		4301351258			OW	DRL
STATE TRIBAL 2-12D-55	12	050S	050W	4301351310	19444	Indian	OW	DRL
UTE TRIBAL 7-10D-54	10	050S		4301351365			OW	DRL
LC TRIBAL 9-26D-56	26	050S			19433		OW	DRL
UTE TRIBAL 8-17D-55	17	-		4301351413			OW	DRL
LC TRIBAL 9-24D-45	24	040S			18861		OW	DRL
LC TRIBAL 2-29D-45	29	040S		4301351705			OW	DRL
LC TAYLOR FEE 14-22D-56	22	050S		4301351744			OW	DRL
LC FEE 14-6D-56	6	050S		4301351787	+		OW	DRL
LC FEE 15-6-56	6	050S		4301351792			OW	DRL
LC Fee 14-36D-56	36	050S		4301351878			OW	DRL
LC Fee 12-36-56	36	050S		4301351883			OW	DRL
LC Tribal 6-29D-45	29	040S		4301351902			OW	DRL
Federal 4-6D-65	6			4301351702			OW	DRL
Federal 12-6D-65	6	060S		4301352006			OW	DRL
UTE Tribal 14-18D-54	18			4301352213			GW	DRL
UTE Tribal 15-31D-55	31	050S		4301352309			GW	DRL
UTE Tribal 16-31D-55	31	+		4301352309				
State Tribal 1-12D-55	12	+					GW	DRL
State Tribal 16-6D-54		0508		4301352390			OW	DRL
	6	0508		4301352394			OW	DRL
State Tribal 10-6D-54	6	0508	+	4301352395	·		OW	DRL
State Tribal 9-6D-54	6	050S		4301352396			OW	DRL
State Tribal 7-7D-54	7			4301352426			OW	DRL
State Tribal 1-7D-54	7	050S		4301352427			OW	DRL
State Tribal 2-7D-54	7	050S		4301352428			OW	DRL
State Tribal 3-7D-54	7	050S		4301352429			OW	DRL
State Tribal 4-7D-54	7	_		4301352431			OW	DRL
State Tribal 5-7D-54	7	050S		4301352432			OW	DRL
State Tribal 6-7D-54	7	050S	-	4301352433			OW	DRL
State Tribal 11-6D-54	6	050S		4301352452			OW	DRL
State Tribal 12-6D-54	6	050S		4301352453			OW	DRL
State Tribal 13-6D-54	6	050S	040W	4301352454	19476	Indian	OW	DRL
State Tribal 14-6D-54	6	050S	040W	4301352455	19477	Indian	ow	DRL
Ute Tribal 1-9D-54	9	050S	040W	4301352465	19356	Indian	ow	DRL
Ute Tribal 7-9D-54	9	050S	040W	4301352466	19357	Indian	ow	DRL
UTE TRIBAL 12-5D-54	5	050S	040W	4301352480	19499	Indian	OW	DRL
UTE TRIBAL 13-5D-54	5	050S	040W	4301352484	19500	Indian	OW	DRL
UTE TRIBAL 14-5D-54	5	050S	040W	4301352493	19510	Indian	ow	DRL
State Tribal 13-11D-54	10	050S	040W	4301352561	19519	Indian	OW	DRL
State Tribal 1-18D-54	18	050S	040W	4301352568	19434	Indian	OW	DRL
State Tribal 2-18D-54	18	050S	040W	4301352576	19427	Indian	ow	DRL
State Tribal 8-18D-54	18	0508		4301352577			OW	DRL
State Tribal 4-18D-54	18	0508		4301352607			OW	DRL
State Tribal 3-18D-54	18	050S	040W	4301352608	19436	Indian	OW	DRL
State Tribal 6-18D-54	18	050S	040W	4301352609	19437	Indian	OW	DRL
State Tribal 5-12-55	12	050S		4301352643			OW	DRL
State Tribal 12-12D-55	12	0508		4301352644			OW	DRL
State Tribal 6-12D-55	12	050S		4301352645			OW	DRL
State Tribal 16-1D-55	1			4301352646			OW	DRL
State Tribal 15-1D-55	1	050S		4301352647			OW	DRL
State Tribal 10-1D-55	1	050S		4301352648			OW	DRL
State Tribal 9-1D-55	1	050S		4301352649			OW	DRL
LC FEE 16-15D-56	14	050S		4301352655			OW OW	DRL
LC Tribal 2-22D-56	22			4301352663			OW	DRL
LC Tribal 3-22D-56	22	050S		4301352664			OW	DRL
Federal 2-13-65	13	060S				Federal	OW	DRL
Federal 8-13D-65	13	060S		4301352801			OW	DRL
Federal 12-8D-64	7	060S		4301352832			OW	DRL
Federal 5-8D-64	+7	060S		4301352833			OW	DRL
Federal 4-8D-64	7	060S		4301352834			OW	
Federal 3-8D-64	5	060S		4301352845				DRL
LC TRIBAL 4H-31-56	31	050S		4301352843	1/303	Indian	OW	DRL
Federal 14-7D-65	31	050S		4301351736			OW	NEW
LC Fee 11-22-57	22	+				Indian	OW	NEW
LC Fee 13-22D-57				4301352127	<u> </u>	Fee	OW	NEW
LC 1 CC 13-22D-37	22	050S	<u> U/UW</u>	4301352131	Ĺ	Fee	ow _	NEW

LC Tribal 5-22D-57	22			4301352133		Indian	OW	NEW
LC Tribal 15-22D-57	22	050S	070W	4301352134	İ	Indian	OW	NEW
LC Tribal 11-18D-56	18	050S	060W	4301352140		Indian	OW	NEW
LC Tribal 13-18D-56	18	050S	060W	4301352141		Indian	OW	NEW
LC Tribal 15-18D-56	18	050S	060W	4301352142		Indian	OW	NEW
LC Tribal 7-18D-56	18	050S	060W	4301352153		Indian	ow	NEW
LC Tribal 5-18D-56	18	050S	060W	4301352154		Indian	OW	NEW
LC Tribal 3-18-56	18	050S	060W	4301352155		Indian	ow	NEW
LC Tribal 6-19D-56	19	050S	060W	4301352247		Indian	ow	NEW
LC Tribal 4-19D-56	19			4301352248		Indian	ow	NEW
Abbott Fee 3-6D-54	6		·	4301352325		Fee	ow	NEW
LC Fee 9-11D-56	11			4301352479		Fee	OW	NEW
Williams Tribal 8-4D-54	4			4301352650		Indian	OW	NEW
Williams Tribal 7-4D-54	4			4301352651		Indian	OW	NEW
Williams Tribal 2-4D-54	4		+	4301352652		Indian	OW	NEW
Williams Tribal 1-4D-54	4			4301352653	+	Indian	OW	NEW
Federal 9-8D-64	9	060S		4301352880		Federal	ow	NEW
Federal 16-8D-64	9			4301352881		Federal	OW	NEW
LC Nielsen Tribal 6-33D-56	33			4301352896		Indian	OW	NEW
LC Nielsen Tribal 2-33D-56	33			4301352897		Indian	OW	NEW
LC Nielsen Tribal 4-33D-56	33			4301352898		Indian	OW OW	NEW
LC Nielsen Tribal 5-33D-56	33	050S		4301352899		Indian	OW	NEW
UTE FEE 13-9D-54	9			4301352906		Fee	OW OW	NEW
UTE FEE 2-34D-55	27			4301352901		Fee	OW OW	NEW
Federal 13-7D-65	7			4301352974		Federal	OW OW	NEW
Federal 14-7D-65	7	060S		4301352975	-	Federal	OW OW	NEW
UTE TRIBAL 6-27D-55	27			4301352976	-	Indian	ow	NEW
LC Nielsen Tribal 12-27D-56	27			4301352977		Indian	OW	NEW
LC Nielsen Tribal 13-27D-56	27	050S		4301352978		Indian	OW	NEW
LC Nielsen Tribal 16-28D-56	27			4301352979		Indian	OW	NEW
LC Nielsen Fee 9-28D-56	27	050S		4301352980		Fee	OW OW	NEW
LC FEE 9-36D-56	36			4301352982		Fee	OW	NEW
LC FEE 15-36D-56	36	050S		4301352983		Fee	OW OW	NEW
LC TRIBAL 6-36D-56	36	050S		4301352984		Indian	OW OW	NEW
LC TRIBAL 5-36D-56	36	050S		4301352985		Indian	ow ow	NEW
LC TRIBAL 4-36D-56	36			4301352986		Indian	OW	NEW
LC TRIBAL 3-36D-56	36			4301352987		Indian	ŌW	NEW
LC TRIBAL 2-35D-56	35	050S		4301352988	1	Indian	OW	NEW
LC TRIBAL 1-35D-56	35	050S		4301352989		Indian	OW	NEW
UTE TRIBAL 13-3R-54	3			4301330924		Indian	OW	OPS
UTE TRIBAL 3-20D-55	20			4301333280		Indian	OW	OPS
LC TRIBAL 4H-17-56	17			4301333540			ow	OPS
LC TRIBAL 16-21-46	21			4301333575			OW	OPS
UTE TRIBAL 8-20D-55	20			4301333676			OW	OPS
UTE TRIBAL 14-14D-55	14			4301333699			OW	OPS
UTE TRIBAL 5-29D-55	29			4301333740			ow	OPS
UTE TRIBAL 7-32D-55	32			4301333794			OW	OPS
UTE TRIBAL 12-27D-55	27			4301333798			OW	OPS
FOY 9-33D-55	33			4301333802			OW	OPS
BERRY TRIBAL 2-23D-54	23			4301333805			OW	OPS
UTE TRIBAL 13-29D-55	29			4301333807			OW	OPS
UTE TRIBAL 16-28D-55	28			4301333887			OW	OPS
LC FEE 8-15D-56	15		+	4301350597			OW	OPS
SFW FEE 13-10D-54	10			4301350892			OW	OPS
SFW TRIBAL 11-10D-54	10			4301350893			OW	OPS
LC TRIBAL 5HH-5-56	4			4301350927			OW	OPS
LC TRIBAL 16-34D-45	34			4301350977			OW	OPS
LC TRIBAL 3-4D-56	4			4301351000			OW	OPS
FEDERAL 7-12D-65	12	060S	050W	4301351058	18717	Federal	OW	OPS
LC TRIBAL 2-33D-45	33			4301351402			OW	OPS
LC TRIBAL 9-3D-56	3			4301351514			OW	OPS
LC Tribal 3-34D-56	34			4301352087			OW	OPS
LC Tribal 7-34D-56	34	050S	060W	4301352088	19235	Indian	OW	OPS
Ute Tribal 5-9D-54	9	050S	040W	4301352463	19354	Indian	OW	OPS
Ute Tribal 3-9D-54	9			4301352464			OW	OPS
BC UTE TRIBAL 4-22	22			4301330755			ow	P

B C UTE TRIBAL 1-91S				1	T		·	т		
UTE TRIBAL 1-52R 32 0958 0404 490133072 1020 Indian OW P SENINDAGE CANYON CONTONNOOD RIDGO UTE TRIBAL 1-19 9 0950 10404 490133093 948 Indian OW P SENINDAGE CANYON CONTONNOOD RIDGO UTE TRIBAL 1-19 25 0950 10404 490133093 948 Indian OW P SENINDAGE CANYON CONTONNOOD RIDGO UTE TRIBAL 1-20 25 0950 10404 490133094 9420 Indian OW P SENINDAGE CANYON CONTON	B C UTE TRIBAL 16-16					9489	Indian	OW	P	
UTE TRIBAL 1-3-18 22				-		-				
SCOTIONWOOD RIDGE UTE TRIBAL 1-19 9508 600W 4301330931 972. Indian OW P SRUNDAGE CANYON TABBY CYN UTE TRIBAL 1-26 26 6058 605W 430130948 972. Indian OW P SOURCES CYN UTE TRIBAL 1-26 26 6058 605W 430130948 972. Indian OW P										
TABBY CYN ITE TRIBAL 1-25 25 0505 0507 4501-3045 722 Indian 0W P SURINDAGE UP TRIBAL 1-30 20 0505 0409 4301-3005 1843 Indian 0W P UP TRIBAL 3-26 20 0505 0500 4301-3005 1843 Indian 0W P UP TRIBAL 3-27 20 0505 0500 4301-3005 1843 Indian 0W P UP TRIBAL 3-28 21 0505 0500 4301-3005 1843 Indian 0W P UP TRIBAL 3-28 21 0505 0500 4301-3005 1843 Indian 0W P UP TRIBAL 3-248 22 0505 0500 4301-311 1851 Indian 0W P UP TRIBAL 3-248 23 0505 0500 4301-311 1851 Indian 0W P UP TRIBAL 3-248 24 0505 0500 4301-311 1851 Indian 0W P UP TRIBAL 3-19 24 0505 0500 4301-311 1851 Indian 0W P UP TRIBAL 3-19 24 0505 0500 4301-312 1811 Indian 0W P UP TRIBAL 3-19 24 0505 0500 4301-312 1814 Indian 0W P UP TRIBAL 3-19 25 0505 0500 4301-312 1814 Indian 0W P UP UP TRIBAL 3-19 25 0505 0500 4301-313 1814 Indian 0W P UP UP TRIBAL 3-19 25 0505 0500 4301-313 1814 Indian 0W P UP UP UP UP UP UP UP										
SRRINDAGE UTE TRIBAL 1-36 30 508 (5094 430133995 1942) Indiam OW P UTE TRIBAL 5-28-75 (REENTRY) 24 508 (5094 430133995 1942) Indiam OW P UTE TRIBAL 5-28-75 (REENTRY) 25 508 (4004 430133995 1942) Indiam OW P UTE TRIBAL 5-28-75 (REENTRY) 26 5095 (4004 430133995 1942) Indiam OW P UTE TRIBAL 1-28-12 27 508 (4004 430133995 1942) Indiam OW P UTE TRIBAL 1-28-12 28 5095 (4004 430133112) 1945 Indiam OW P UTE TRIBAL 1-29-12 29 5095 (5094 43013112) 1945 Indiam OW P UTE TRIBAL 1-19-13 19 5095 (5094 43013112) 1945 Indiam OW P UTE TRIBAL 1-19-19-19-19-19-19-19-19-19-19-19-19-19					+				-	BRUNDAGE CANYON
SOWERS CYN UTE TRIBAL 3-26 10 6908 19098 4901330956 1973 Indiam OW P						-			-	
UFF TRIBAL 1-24R-55 (RENTRY)		1							1-	
UFF TRIBAL 1-20										
F. C. ITE RIBAL 9-23X										
CFF TRIBAL 1-5-24R 24		1		 				+	P	
SBRUNDAGE CYN JUET RIBAL 4-27 27 0505 040W 491031313 9851 Indium OW P UTE TRIBAL 7-19 19 0505 040W 491031312 14088 Indium OW P RUNDAGE CANYON UTE TRIBAL 7-19 19 0505 040W 491031312 14088 Indium OW P RUNDAGE CANYON UTE TRIBAL 7-19 19 0505 040W 491031312 14181 Indium OW P RUNDAGE CANYON UTE TRIBAL 7-17 17 0505 040W 491031312 14181 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 040W 491031314 1192 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 040W 491031314 1192 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-12 22 0505 040W 491031314 1192 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-18 28 0505 040W 491031315 1192 Indium OW P P UTE TRIBAL 1-18 28 0505 040W 491031315 11914 Indium OW P P UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P P RUNDAGE CANYON UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P P RUNDAGE CANYON UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P P RUNDAGE CANYON UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-18 18 0505 040W 491031315 11914 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 21 0505 050W 491031316 11915 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 050W 491031317 11989 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 050W 491031318 11917 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 050W 491031318 11917 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-19 19 0505 050W 491031318 11917 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-12 19 0505 050W 491031318 11917 Indium OW P RUNDAGE CANYON UTE TRIBAL 1-12 19 0505 050W 49103	T C UTE TRIBAL 9-23X	23						OW	P	
UFE TRIBAL 7-13	UTE TRIBAL 15-24R	24	050S	050W	4301331129	11985	Indian	OW	P	
UPE TRIBAL 7-19	S BRUNDAGE CYN UTE TRIBAL 4-27	27	050S	040W	4301331131	9851	Indian	OW	P	
Zand TUTE TRIBAL 7-19	UTE TRIBAL 5-13	13	050S	050W	4301331152	10421	Indian	OW	P	
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MOON TRIBAL 10-27-54	27	+	040W 4301332540	_	Indian	OW	P	
MOON TRIBAL 12-27-54	27		040W 4301332541		Indian	OW	+	
MOON TRIBAL 8-27-54	27		040W 4301332543		Indian	OW	P	
UTE TRIBAL 9-33-54	33		040W 4301332549		Indian	OW		
WILLIAMSON TRIBAL 3-34-54	34		040W 4301332550			OW	P	
WILLIAMSON TRIBAL 5-34-54	34		040W 4301332551	-		OW	P	
FEDERAL 6-2-65	2		050W 4301332557		Federal	OW	P	
UTE TRIBAL 15-29-54	29		040W 4301332561			OW	P	
UTE TRIBAL 7-29-54	29		040W 4301332562			OW	P	
UTE TRIBAL 11-29-54	29	_	040W 4301332563			OW	P	
UTE TRIBAL 13-29-54	29		040W 4301332564			OW	P	
UTE TRIBAL 4-29-54	29	-	040W 4301332565		Indian	OW	P	
UTE TRIBAL 9-29-54	29	_	040W 4301332566			OW	P	
UTE TRIBAL 1-35-54	35		040W 4301332567			OW	P	
UTE TRIBAL 11-13-54	13		040W 4301332568			OW	P	
UTE TRIBAL 6-24-54	24		040W 4301332570			OW	P	
UTE TRIBAL 13-18-54	18		040W 4301332571			OW	P	
UTE TRIBAL 12-29-54	29	050S	040W 4301332572			OW	P	
UTE TRIBAL 4-24-54	24	050S	040W 4301332573	14247	Indian	OW	P	
UTE TRIBAL 6-14-54	14	050S	040W 4301332586			OW	P	
UTE TRIBAL 10-15-54	15	050S	040W 4301332587	14194	Indian	OW	P	
UTE TRIBAL 16-15-54	15	050S	040W 4301332588	14311	Indian	OW	P	
UTE TRIBAL 11-16-54	16	1	040W 4301332589			OW	P	
UTE TRIBAL 8-22-54	22		040W 4301332590			OW	P	
UTE TRIBAL 2-22-54	22		040W 4301332591			OW	P	
UTE TRIBAL 10-22-54	22		040W 4301332592			ow	P	
UTE TRIBAL 14-22-54	22		040W 4301332593			OW	P	
UTE TRIBAL 13-13-55	13		050W 4301332599			OW	P	
UTE TRIBAL 13-14-55	14		050W 4301332600			OW	P	
UTE TRIBAL 13-15-55	15		050W 4301332602			OW	P	
UTE TRIBAL 10-21-55	21		050W 4301332602				P	
UTE TRIBAL 2-22-55	22	050S				OW		
		+	050W 4301332604			OW	P	
UTE TRIBAL 3-22-55	22	050S	050W 4301332605			OW	P	
UTE TRIBAL 9-22-55	22		050W 4301332606			OW	P	
UTE TRIBAL 11-22-55	22		050W 4301332607			OW	P	
UTE TRIBAL 5-27-55	27		050W 4301332614			OW	P	
UTE TRIBAL 11-27-55	27		050W 4301332615	···		OW	P	
UTE TRIBAL 12-22-55	22	050S	050W 4301332616		Indian	OW	P	
UTE TRIBAL 15-22-55	22	050S	050W 4301332617			OW	P	
UTE TRIBAL 8-25-55	25		050W 4301332620			OW	P	
UTE TRIBAL 4-20-54	20		040W 4301332621			OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-20-54	20		040W 4301332622			OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-22-54	22		040W 4301332624			OW	P	
UTE TRIBAL 3-30-54	30	050S	040W 4301332625	14364	Indian	OW	P	
UTE TRIBAL 3-10-54	10	050S	040W 4301332663	14414	Indian	OW	P	
UTE TRIBAL 11-5-54	5	050S	040W 4301332664	14415	Indian	ow	P	
UTE TRIBAL 15-32-54	32	050S	040W 4301332666	14460	Indian	OW	P	
UTE TRIBAL 8-31-55	31		050W 4301332673			OW	P	
UTE TRIBAL 3-35-54	35		040W 4301332675			OW	P	
UTE TRIBAL 2-30-55	30		050W 4301332680			OW	P	
UTE TRIBAL 9-17-54	17		040W 4301332687			OW	P	
UTE TRIBAL 13-31-54	31		040W 4301332688			OW OW	P	
UTE TRIBAL 14-19-54	19		040W 4301332690			ow	P	
UTE TRIBAL 16-19-54	19		040W 4301332691			OW	P	
UTE TRIBAL 13-32-54	32		040W 4301332692			OW	P	
UTE TRIBAL 11-14-55	14		050W 4301332693			OW	P	-
UTE TRIBAL 8-28-55	28		050W 4301332694				P	
FEDERAL 6-1-65	1					OW		
UTE TRIBAL 9-15-55	15		050W 4301332699			OW	P	
UTE TRIBAL 14-20-54			050W 4301332701			OW	P	
#1 DLB 12-15-56	20		040W 4301332702			OW	P	
	15		060W 4301332710			GW	P	+
UTE TRIBAL 12-19-54	19		040W 4301332716			OW	P	
UTE TRIBAL 10-19-54	19		040W 4301332717			OW	P	
UTE TRIBAL 16-30-54	30		040W 4301332718			OW	P	
UTE TRIBAL 11-12-55	12	050S	050W 4301332721	14605	Indian	OW	P	
								

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NIELSEN MARSING 13-14-56	14	0508	060W 4301332737	15060		OW	P	
TAYLOR HERRICK 10-22-56 UTE TRIBAL 16-20-54	22		060W 4301332738			OW	P	
	20	0508		14671		OW	P	
UTE TRIBAL 10-20-54	20			14691		OW	P	
UTE TRIBAL 4-28-54 UTE TRIBAL 13-33-54	28			14672		OW	+=	
	33	050S	040W 4301332742			OW	P	-
UTE TRIBAL 15-31-54	31	050S	040W 4301332743			OW	P	-
UTE TRIBAL 8-30-54	30			15583		OW	P	
UTE TRIBAL 10-25-55	25			14758		OW_	P	
UTE TRIBAL 14-25-55	25			14798		OW	P	
UTE TRIBAL 3-36-55	36		+ 	14842		OW	P	
UTE TRIBAL 16-16-55	16	050S		14865		OW	P	
UTE TRIBAL 3-21-55	21		050W 4301332758			OW	P	
UTE TRIBAL 16-25-55	25		050W 4301332759			OW	P	
UTE TRIBAL 1-36-55	36	050S		14822		OW	P	
UTE TRIBAL 7-22-54	22	050S		15661		OW	P	
UTE TRIBAL 2-31-54	31			14845		OW	P	
UTE TRIBAL 2-28-54	28	-		14723		OW	P	
UTE TRIBAL 10-28-54	28	050S	040W 4301332764			OW	P	
UTE TRIBAL 12-28-54	28	050S	+	14701		OW	P	
UTE TRIBAL 8-28-54	28	050S	040W 4301332766	 		OW	P	
UTE TRIBAL 4-31-54	31			14494		OW	P	
UTE TRIBAL 15-33-54	33			15210		OW	P	
UTE TRIBAL 12-25-55	25	050S	050W 4301332769	14799	Indian	OW	P	
UTE TRIBAL 16-24-54	24	050S	040W 4301332775	14762	Indian	ow	P	
UTE TRIBAL 14-25-54	25	050S	040W 4301332776	14753	Indian	OW	P	
UTE TRIBAL 8-25-54	25	050S	040W 4301332780	15280	Indian	OW	P	
UTE TRIBAL 9-35-54	35	050S	040W 4301332781	15535	Indian	ow	P	
MYRIN TRIBAL 14-19-55	19	050S	050W 4301332782	15184	Indian	ow	P	
UTE TRIBAL 6-30-55	30	050S	050W 4301332783	15163	Indian	OW	P	
MOON TRIBAL 4-23-54	23	050S	040W 4301332800	14985	Indian	OW	P	
MOON TRIBAL 5-27-54	27	050S	040W 4301332802	14984	Indian	OW	P	
UTE TRIBAL 2-32-54	32	050S		15151		OW	Р	
LITE TOIDAL 15 25 54	0.5							
UTE TRIBAL 15-35-54	∣35	1050S	1040W 4301332804	115185	Indian	OW	P	
UTE TRIBAL 13-35-54 UTE TRIBAL 5-35-54		050S 050S			Indian Indian	OW OW	P	
	35	0508	040W 4301332805	15485	Indian	OW	P	7 20 20 20 20 20 20 20 20 20 20 20 20 20
UTE TRIBAL 5-35-54		050S 050S	040W 4301332805 040W 4301332806	15485 15292	Indian Indian	OW OW	P P	
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UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54	35 35 35 19 20 22 23	050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843	15485 15292 15317 14946 15097 15015 15113	Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW	P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54	35 35 35 19 20 22 23 26	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844	15485 15292 15317 14946 15097 15015 15113 15233	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW	P P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54	35 35 35 19 20 22 23 26 27	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844	15485 15292 15317 14946 15097 15015 15113 15233 15135	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW	P P P P P P P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54	35 35 35 19 20 22 23 26 27 27	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW	P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54 UTE TRIBAL 10-31-54	35 35 35 19 20 22 23 26 27 27 31	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846 040W 4301332846	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115 14956	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW	P P P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54 UTE TRIBAL 10-31-54 ST TRIBAL 6-15-54	35 35 35 19 20 22 23 26 27 27 31	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846 040W 4301332847 040W 4301332847	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115 14956 16656	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW O	P P P P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54 UTE TRIBAL 10-31-54 ST TRIBAL 6-15-54 ST TRIBAL 2-15-54	35 35 35 19 20 22 23 26 27 27 31 15	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846 040W 4301332847 040W 4301332848	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115 14956 16656 16959	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW O	P P P P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
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UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54 UTE TRIBAL 10-31-54 ST TRIBAL 6-15-54 ST TRIBAL 2-15-54 ST TRIBAL 8-15-54 UTE TRIBAL 8-15-54 UTE TRIBAL 11-25-54 UTE TRIBAL 11-25-54 UTE TRIBAL 11-25-54 UTE TRIBAL 3-30-55	35 35 35 19 20 22 23 26 27 27 31 15 15 15 15 25 30	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846 040W 4301332847 040W 4301332847 040W 4301332848 040W 4301332849 040W 4301332850 040W 4301332851 040W 4301332851 040W 4301332856	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115 14956 16656 16959 17478 16279 15430 15340	Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW O	P P P P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
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UTE TRIBAL 4-32-54	32	050S	040W 4301332896			OW	P	
UTE TRIBAL 6-32D-54	32	050S	040W 4301332897	15312	Indian	OW	P	
UTE TRIBAL 2-33D-54	33	050S	040W 4301332898	15271	Indian	OW	P	L
UTE TRIBAL 12-32-54	32	050S	040W 4301332925	15503	Indian	OW	P	
UTE TRIBAL 16-32D-54	32	050S	040W 4301332926	16971	Indian	OW	P	
MOON TRIBAL 16-23-54	23		040W 4301332927			OW	P	
UTE TRIBAL 4-25-55	25		050W 4301332928			OW	P	
UTE TRIBAL 7-36-55	36		050W 4301332929			OW	P	7,17
MOON TRIBAL 10-2-54	2			15429		OW OW	P	
UTE TRIBAL 10-24-54	24		040W 4301332932			ow	P	
MYRIN TRIBAL 16-19-55	19		050W 4301332934	<u> </u>		OW	P	
UTE TRIBAL 2-31-55	31					OW	P	
			050W 4301332935					
UTE TRIBAL 10-31-55	31		050W 4301332936			OW	P	
MOON TRIBAL 1-27-54	27			15308		OW	P	
MOON TRIBAL 5-23-54	23		040W 4301332938			OW	P	
ST TRIBAL 7-18-54	18		040W 4301332952			OW	P	
ST TRIBAL 5-18-54	18		040W 4301332953			OW	P	
UTE TRIBAL 15-15-54	15		040W 4301332971			OW	P	
UTE TRIBAL 4-19-54	19			15382	Indian	OW	P	
UTE TRIBAL 8-20-54	20			15245		OW	P	
UTE TRIBAL 2-20-54	20			15269		OW	P	
UTE TRIBAL 7-15-55	15	050S	050W 4301332976	15311	Indian	OW	P	
UTE TRIBAL 10-15-55	15			15380		OW	P	
UTE TRIBAL 1-15-55	15		050W 4301332978	15299	Indian	OW	P	
UTE TRIBAL 14-15-55	15			15369		OW	P	
UTE TRIBAL 11-15-55	15		050W 4301332980	15342		OW	P	
UTE TRIBAL 14-18-55	18		050W 4301332984	15671		OW	P	
UTE TRIBAL 14-24-56	24	050S	060W 4301332988	15740		OW	P	+
UTE TRIBAL 7-24-56	24			15782		OW	P	
UTE TRIBAL 11-25-56	25			15627		OW	p	14.00
UTE TRIBAL 7-25-56	25		060W 4301332990 060W 4301332991	15617		OW	P	
UTE TRIBAL 7-25-36 UTE TRIBAL 5-25-56	25						<u> </u>	
UTE TRIBAL 3-25-56	·		060W 4301332992	15648		OW	P	
	25	0508	060W 4301332993	15561		OW	P	
UTE TRIBAL 13-15D-54	15		040W 4301333039	15368		OW	P	
UTE TRIBAL 16-28D-54	28			15377		OW	P	
UTE TRIBAL 14-31D-54	31		040W 4301333042			OW	P	***************************************
UTE TRIBAL 4-22-55	22			15381		OW	P	
UTE TRIBAL 2-23-55	23	+	050W 4301333045			OW	P	
UTE TRIBAL 16-23-55	23	050S	050W 4301333046			OW	P	
UTE TRIBAL 9-35-55	35	050S	050W 4301333047	15378	Indian	OW	P	
UTE TRIBAL 7-35-55	35	050S	050W 4301333048	15367	Indian	OW	P	
UTE TRIBAL 15-36-55	36	050S	050W 4301333049	15379	Indian	OW	P	
UTE TRIBAL 10-12-55	12	050S	050W 4301333055	15618	Indian	OW	P	
UTE TRIBAL 5-13-54	13	0508	040W 4301333075	15873	Indian	OW	P	
UTE TRIBAL 16-29-54	29		040W 4301333076			ow	P	
UTE TRIBAL 12-18-54	18		040W 4301333077			OW	P	
UTE TRIBAL 8-33-54	33		040W 4301333089			OW	P	
UTE TRIBAL 12-33-54	33		040W 4301333090			OW	P	
UTE TRIBAL 16-33-54	33		040W 4301333091			OW	P	ļ ————————————————————————————————————
UTE TRIBAL 10-33-54	33		040W 4301333091			OW	P	<u> </u>
UTE TRIBAL 14-33-54	33		040W 4301333092			OW	P	
UTE TRIBAL 2-14-54	14		040W 4301333093				P	
UTE TRIBAL 14-14-54	14					OW	. —	
UTE TRIBAL 13-21-54			040W 4301333112			OW	P	
UTE TRIBAL 13-21-54	21		040W 4301333113			OW	P	
	21		040W 4301333115			OW	P	ļ
UTE TRIBAL 11-22-54	22		040W 4301333116			OW	P	+
UTE TRIBAL 2-21-55	21		050W 4301333117			OW	P	1
UTE TRIBAL 4-28-55	28		050W 4301333118			OW	P	
UTE TRIBAL 8-29-55	29		050W 4301333119			OW	P	
UTE TRIBAL 6-29-55	29		050W 4301333120			OW	P	
TAYLOR FEE 13-22-56	22		060W 4301333121			OW	P	1
WILCOX ELIASON 7-15-56	15		060W 4301333122			OW	P	
UTE TRIBAL 14-16-54	16	050S	040W 4301333123	15639	Indian	OW	P	
UTE TRIBAL 1-16-54	16		040W 4301333128			OW	P	
UTE TRIBAL 7-16-54	16		040W 4301333130			OW OW	P	
UTE TRIBAL 12-16-54	16		040W 4301333131			OW OW	P	
			1 100100101	12 120	***************************************	<u> </u>	1.1	

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UTE TRIBAL 16-17-54	17	050S	040W	4301333132	15524	Indian	OW	P	
UTE TRIBAL 10-17-54	17	050S	040W	4301333133	15581	Indian	OW	P	
UTE TRIBAL 12-24D-55	24	050S	050W	4301333134	15567	Indian	OW	P	
WILCOX FEE 1-20-56	20	050S		4301333150			ow	P	
WILCOX FEE 15-16-56	16	050S		4301333151			OW	P	
NIELSEN FEE 13-11-56	11	050S		4301333151			OW	P	
	29							P	
UTE TRIBAL 2-29-54		050S		4301333153			OW		
UTE TRIBAL 14-29-54	29	050S		4301333154			OW	P	
UTE TRIBAL 10-29-54	29	050S		4301333155			OW	P	
UTE TRIBAL 10-24D-55	24	050S	050W	4301333156	15556	Indian	OW	P	
UTE TRIBAL 10-29D-55	29	050S	050W	4301333157	15505	Indian	OW	P	
UTE TRIBAL 6-29-54	29	050S	040W	4301333172	15846	Indian	OW	P	
UTE TRIBAL 12Q-25-55	25	050S		4301333184			OW	P	
UTE TRIBAL 3G-31-54	31			4301333185			OW	P	
UTE TRIBAL 1I-36-55	36			4301333186			OW	P	
								P	
UTE TRIBAL 6-23D-55	23			4301333187			OW		
UTE TRIBAL 8-14-54	14	050S		4301333204			OW	P	
UTE TRIBAL 10-14-54	14				15680		OW	P	
UTE TRIBAL 11-15-54	15	050S	040W	4301333206	15643	Indian	OW	P	
UTE TRIBAL 9-16-54	16	050S	040W	4301333207	15660	Indian	OW	P	
UTE TRIBAL 3-22-54	22			4301333208			OW	P	
UTE TRIBAL 15-13D-55	13			4301333212			OW	P	
UTE TRIBAL 6-22D-55	22			4301333213			OW	P	
UTE TRIBAL 11-36D-55									
	36			4301333214			OW	P	
UTE TRIBAL 1-22D-54	22			4301333215			OW	P	····
BERRY TRIBAL 1-23-54	23			4301333216			OW	P	
BERRY TRIBAL 15-23-54	23	050S	040W	4301333217	15932	Indian	OW	P	
UTE TRIBAL 9-36D-55	36	050S	050W	4301333239	15933	Indian	OW	P	
UTE TRIBAL 12-32-55	32	050S	050W	4301333266	15681	Indian	OW	P	
UTE TRIBAL 16-22D-55	22			4301333267			OW	P	
UTE TRIBAL 11-13-55	13			4301333268			OW	P	
UTE TRIBAL 7-14-55	14							P	
	-			4301333269			OW		
UTE TRIBAL 4-14D-54	14			4301333270			OW	P	
UTE TRIBAL 9S-19-54	19			4301333276			OW	P	
UTE TRIBAL 14Q-28-54	28	050S		4301333277			OW	P	
UTE TRIBAL 14-28D-54	28			4301333278			ow	P	
UTE TRIBAL 1-14D-55	14	050S	050W	4301333279	18408	Indian	OW	P	
UTE TRIBAL 10-18-54	18			4301333300			OW	P	
UTE TRIBAL 5-21-54	21			4301333324			OW	P	
UTE TRIBAL 6-31D-54	31			4301333325			OW	P	· · · · · · · · · · · · · · · · · · ·
UTE TRIBAL 16-31D-54	31	+							
				4301333326			OW	P	
UTE TRIBAL 16-13D-55	13			4301333327			OW	P	
UTE TRIBAL 9-13D-55	13			4301333328			OW	P	
UTE TRIBAL 15-21-55	21			4301333357			OW	P	
UTE TRIBAL 10-23D-55	23	050S	050W	4301333358	15799	Indian	OW	P	
UTE TRIBAL 9-26D-55	26	050S	050W	4301333359	15853	Indian	OW	P	
UTE TRIBAL 10-26D-55	26			4301333360			OW	P	
UTE TRIBAL 14-26D-55	26			4301333361			OW	P	
UTE TRIBAL 15-26D-55	26			4301333362			ow	P	
UTE TRIBAL 3-32D-55	32								·
UTE TRIBAL 13-14-54	·			4301333363			OW	P	
	14			4301333364			OW	P	
MOON TRIBAL 7-27D-54	27			4301333365			OW	P	
14-11-56 DLB	11			4301333378			OW	P	
UTE TRIBAL 4-32-55	32	050S	050W	4301333379	15819	Indian	OW	P	
UTE TRIBAL 13H-16-55	16			4301333380			OW	P	
BERRY TRIBAL 7-23-54	23			4301333381			OW	P	
BERRY TRIBAL 9-34-54	34			4301333382			OW	P	
BERRY TRIBAL 7-34-54	34			4301333382			ow	P	
BERRY TRIBAL 4-34-54	34								
FEDERAL 2-2-65				4301333384			OW	P	
	2			4301333385			OW	P	
FEDERAL 10-3-65	3	T		4301333386			OW	P	
FEDERAL 5-4-65	4	060S		4301333387			OW	P	
UTE TRIBAL 1A-29-54	29	050S	040W	4301333393	17075	Indian	OW	P	
BERRY TRIBAL 15-34-54	34			4301333411			OW	P	
BERRY TRIBAL 8-23D-54	23			4301333417			OW	P	714
	. — –						J 11	1.4	
UTE TRIBAL 12-29D-55	29	0509	05011/	4301333418	17207	Indian	OW	P	

	T	1	T T T					
UTE TRIBAL 8-24-55	24	050S		15997		OW	P	
UTE TRIBAL 5-25D-55	25				Indian	OW	P	
BERRY TRIBAL 10-34D-54	34		040W 4301333422			OW	P	
1-15-56 DLB	15	050S	060W 4301333447			OW	P	
FEDERAL 5-3-64	3				Federal	OW	P	
FEDERAL 8-1-64	1				Federal	OW	P	
FEDERAL 5-4-64	4		040W 4301333450			OW	P	
FEDERAL 11-10-65	10				Federal	OW	P	
BERRY TRIBAL 16-34D-54	34				Indian	OW	P	
BERRY TRIBAL 9-23-54	23				Indian	OW	P	
UTE TRIBAL 6-26D-55	26		050W 4301333476			OW	P	
UTE TRIBAL 7-26D-55	26				Indian	OW	P	
UTE TRIBAL 11-26D-55	26				Indian	OW	P	
UTE TRIBAL 14Q-30-54 FEDERAL 5-6-65	6				Indian	OW	P	
FEDERAL 16-5-65	5		050W 4301333489 050W 4301333490		Federal	OW OW	P	11 - 17
FEDERAL 10-3-03	11	_	+			+	P	
LC TRIBAL 14-2-56	2	060S 050S	050W 4301333491 060W 4301333492		Federal	OW OW	P	
UTE TRIBAL 1-31-55	31		050W 4301333492			OW	P	744
UTE TRIBAL 9-31-55	31		050W 4301333508			OW	P	
BERRY TRIBAL 11-34D-54	34		040W 4301333529			OW	P	
LC TRIBAL 2-16D-56	16		060W 4301333538			OW	P	
LC TRIBAL 4-16-56	16		060W 4301333539			OW	P	
LC TRIBAL 3-17-56	17		060W 4301333541			OW	P	
FEDERAL 10-2-65	2		050W 4301333542			OW	P	
UTE TRIBAL 4-20D-55	20	050S	050W 4301333549			OW	P	
UTE TRIBAL 8-23D-55	23		050W 4301333552			OW	P	
LC TRIBAL 8-28-46	28		060W 4301333576			OW	P	
LC TRIBAL 7-3-56	3				Indian	OW	P	
LC TRIBAL 3-5-56	5		060W 4301333577			OW	P	
FEDERAL 8-2D-64	2		040W 4301333581			OW	P	
LC TRIBAL 13H-3-56	3				Indian	OW	P	
LC FEE 6-12-57	12			17083		OW	P	***
UTE TRIBAL 4-26D-54	26				Indian	OW	P	404
LC TRIBAL 8-4-56	4		060W 4301333605			ow	P	
LC TRIBAL 12H-6-56	6				Indian	OW OW	P	
LC TRIBAL 7-7D-56	7				Indian	OW	P	
LC TRIBAL 1-9-56	9				Indian	OW	P	The same of the sa
UTE TRIBAL 5-14-54	14	+			Indian	OW	P	
UTE TRIBAL 10-26D-54	26	050S		16663		OW	P	
UTE TRIBAL 7-26D-54	26			16664		OW	P	
UTE TRIBAL 13-36D-55	36		050W 4301333624			OW	P	
UTE TRIBAL 6-26D-54	26		040W 4301333625			OW	P	
UTE TRIBAL 1-22D-55	22		050W 4301333626			OW	P	VIII VIII VIII VIII VIII VIII VIII VII
UTE TRIBAL 4-23D-55	23		050W 4301333627			OW	P	
UTE TRIBAL 2-27D-55	27		050W 4301333628			OW	P	
UTE TRIBAL 12-28D-55	28		050W 4301333645			OW	P	
UTE TRIBAL 13-28D-55	28	050S	050W 4301333646	18000	Indian	ow	P	
UTE TRIBAL 14-26D-54	26	050S	040W 4301333673	16299	Indian	OW	P	
UTE FEE 7-13D-55	13		050W 4301333674			OW	P	
UTE TRIBAL 9-20D-55	20	050S	050W 4301333675	17309	Indian	OW	P	
LC TRIBAL 11-17-56	17	050S	060W 4301333677	17600	Indian	OW	P	
UTE TRIBAL 1-26D-54	26		040W 4301333680	16638	Indian	OW	P	-
UTE TRIBAL 3-26D-54	26			16665		OW	P	
UTE TRIBAL 8-26D-54	26		040W 4301333682			OW	P	
UTE TRIBAL 10-27D-55	27		050W 4301333683			OW	P	
UTE TRIBAL 14-27D-55	27		050W 4301333684			OW	P	
UTE TRIBAL 12-21D-55	21		050W 4301333694			OW	P	
UTE TRIBAL 5-21D-55	21	050S	050W 4301333706	16298	Indian	OW	P	
UTE TRIBAL 2-29D-55	29		050W 4301333714			OW	P	
UTE TRIBAL 7-29D-55	29		050W 4301333715			OW	P	
UTE TRIBAL 13-22D-55	22		050W 4301333716			OW	P	
UTE TRIBAL 14-22D-55	22		050W 4301333717			OW	P	
UTE FEE 2-13-55	13		050W 4301333720			OW	P	
UTE TRIBAL 7-22D-55	22			16670		OW	P	
UTE TRIBAL 10-22D-55	22	_050S	050W 4301333722	16671	Indian	OW	P	

UTE TRIBAL 3-29-55	29	050S	050W 43	01333723	16857	Indian	OW	P	-70
BERRY TRIBAL 10-23D-54	23	050S	040W 43	01333724	16592	Indian	OW	P	
BERRY TRIBAL 11-23D-54	23	050S	040W 43	01333725	16672	Indian	OW	P	
UTE TRIBAL 4-24D-55	24	050S	050W 43	01333726	16673	Indian	OW	P	
FEDERAL 6-6D-64	6			01333745	17084	Federal	OW	P	
UTE TRIBAL 15-26D-54	26			01333768			OW	P	
UTE TRIBAL 1-14D-54	14			01333769			OW	P	
UTE TRIBAL 12-35D-55	35			01333782			OW	P	
UTE TRIBAL 11-35-55	35			01333782			OW	P	
								P	
UTE TRIBAL 1-28D-55	28	-			16852		OW	 	
UTE TRIBAL 16-27D-55	27		050W 43		17800		OW	P	
UTE TRIBAL 9-28D-55	28				16887		OW	P	
UTE TRIBAL 7-28D-55	28	050S	050W 43	01333788	16886	Indian	OW	P	
UTE TRIBAL 11-32D-54	32						OW	P	
UTE TRIBAL 9-14D-54	14	050S	040W 43	01333796	17482	Indian	OW	P	
UTE TRIBAL 4-27D-55	27		050W 43		16700		OW	P	-10.
FOY TRIBAL 12H-33-55	33				18232		OW	P	
UTE TRIBAL 9-32D-55	32			01333800			OW	P	
UTE TRIBAL 12-26D-54	26			01333801			OW	P	
UTE TRIBAL 8-26D-55	26			01333859			ow	P	
								-1	
BERRY TRIBAL 2-34D-54	34				17889		OW	P	
UTE TRIBAL 3-35D-55	35				17421		<u>ow</u>	P	
UTE TRIBAL 10-32-54	32			01333902			OW	P	
UTE TRIBAL 12-31D-54	31				17480	Indian	OW	P	
UTE TRIBAL 12-23D-55	23	050S	050W 43	01333908	17814	Indian	OW	P	
UTE TRIBAL 14-20D-55	20	050S	050W 43	01333909	18559	Indian	OW	P	
UTE TRIBAL 6-20D-55	20	050S	+	01333910			OW	P	
UTE TRIBAL 12-20-55	20			01333911			OW	P	7.00
UTE TRIBAL 14-24D-55	24			01333912			ow	P	
UTE TRIBAL 14-23D-55	23				17457		OW	P	
								1	
ST TRIBAL 1-15D-54	15			01333916			OW	P	
ST TRIBAL 7-15D-54	15			01333950			OW	P	
ST TRIBAL 9-15D-54	15		040W 43		16973		OW	P	
UTE TRIBAL 15-35D-55	35			01333954			OW	P	
UTE TRIBAL 14-35D-55	35	050S	050W 43	01333955	17416	Indian	OW	P	
UTE TRIBAL 16-26D-55	26	050S	050W 43	01333965	17418	Indian	OW	P	
FEDERAL 1-2D-65	2	060S	050W 43	01333966	16888	Federal	OW	P	- 100/
UTE TRIBAL 1-35D-55	35	050S	050W 43		17420		OW	P	
UTE TRIBAL 10-36D-55	36			01333968			OW	P	
UTE TRIBAL 4-26D-55	26	050S	050W 43		17455		OW	P	
UTE TRIBAL 2-26D-55	26				17456		OW	P	
BERRY TRIBAL 14-23D-54									
	23			01333989			OW	P	
FEDERAL 3-2D-65	2			01334001			OW	P	
UTE TRIBAL 13-26D-55	26			01334002			OW	P	
FEDERAL 7-1D-65	1			01334015			OW	P	
FEDERAL 2-2D-64	2			01334018			OW	P	
FEDERAL 7-6D-64	6	060S	040W 43	01334020	17085	Federal	OW	P	
UTE TRIBAL 6-35D-55	35	050S	050W 43	01334028	17785	Indian	OW	P	
UTE TRIBAL 16-26-54	26	0508	040W 43	01334042	17413	Indian	OW	P	
BERRY TRIBAL 13-23-54	23			01334043			OW	P	10.00
UTE TRIBAL 11-28-55	28			01334057			OW	P	
UTE TRIBAL 8-27D-55	27			01334058			OW	P	
ST TRIBAL 3-15D-54	15			01334059				 	
ST TRIBAL 5-15D-54							OW	P	
	15			01334060			OW	P	
FEDERAL 7-11D-65	11			01334061			OW	P	
FEDERAL 7-3D-65	3			01334065			OW	P	
MOON TRIBAL 16-27D-54	27			01334109			OW	P	
UTE TRIBAL 15-22D-54	22	050S	040W 43	01334116	17415	Indian	OW	P	
UTE TRIBAL 13-35D-55	35	050S	050W 43	01334117	18442	Indian	OW	P	
UTE TRIBAL 12-26D-55	26			01334118			OW	P	
LC TRIBAL 13-16D-56	16			01334282			OW	P	
FEDERAL 11-6D-64	6			01334284			OW	P	
FEDERAL 14-6D-64	6			01334284				P	
FEDERAL 2-6D-64	+						OW	I	
	6			01334286			OW	P	
FEDERAL 6 5D 64	5			01334287			<u>ow</u>	P	***************************************
FEDERAL 6-5D-64	5	U60S	040W 43	01334288	17649	Federal	OW	P	

SFW TRIBAL 10-10D-54	10	050S	040W	4301334295	17564	Indian	ow	P	
SFW TRIBAL 9-10D-54	10	050S	040W	4301334296	17565	Indian	OW	P	
STATE TRIBAL 16-10-54	10	050S	040W	4301350245	17553	Indian	ow	P	
UTE TRIBAL 6-14D-55	14	050S	050W	4301350246	17602	Indian	OW	P	
SFW FEE 15-10-54	10	050S		4301350247	-+	-	ow	P	
FEDERAL 5-5D-64	5	060S		4301350259			OW	P	
LC TRIBAL 6-22D-56	22	050S	060W	4301350260	17567	Indian	OW	P	
FEDERAL 12-6D-64	6	060S	+	4301350261			ow	P	
LC TRIBAL 4-27D-56	27	050S		4301350262			ow	P	
FEDERAL 4-5D-64	5	060S		4301350263			ow	P	
FEDERAL 1-6-64	6			4301350266			ow	P	
FEDERAL 4-6D-64	6	060S		4301350267			ow	P	
FEDERAL 3-6D-64	6	+		4301350268	-		ow	P	
FEDERAL 5-6D-64	6	060S	_	4301350269	+		ow	P	
FEDERAL 8-6D-64	6			4301350325	+		OW	P	
FEDERAL 10-1D-65	1			4301350326			OW	P	
FEDERAL 11-1D-65	1	060S		4301350327			OW	P	
FEDERAL 12-1D-65	1	+		4301350328	1		OW	P	1
FEDERAL 13-1D-65	1	060S		4301350329			ow	P	
FEDERAL 14-1D-65	1			4301350329			OW	P	1
FEDERAL 13-5D-64	5			4301350337			OW	P	
FEDERAL 14-5D-64	5			4301350337			OW	P	
FEDERAL 9-1D-65	1	060S		4301350338	+	-	OW	P	
FEDERAL 13-6D-64	6			4301350342			ow	P	
FEDERAL 11-5D-64	5							-	
FEDERAL 12-5D-64	5			4301350348			OW	P	
	+	060S		4301350349			OW	P	
FEDERAL 8-1D-65	1		+	4301350350			OW	P	
UTE TRIBAL 3-14D-54	14			4301350389	+		OW	P	
UTE TRIBAL 1-34D-55	34			4301350408			OW	P	
UTE TRIBAL 7-14-54	14			4301350409			OW	P	
UTE TRIBAL 8-21D-55	21			4301350435			OW	P	
UTE TRIBAL 8-34D-55	34	_		4301350436			ow	P	
UTE TRIBAL 5-16D-54	16	+		4301350475			ow	P	
UTE TRIBAL 12-14D-55	14			4301350476	+		ow	P	
UTE TRIBAL 8-15D-55	15	050S		4301350477			ow	P	
UTE TRIBAL 3-14-55	14		+	4301350478			OW	P	
UTE TRIBAL 5-14-55	14	050S		4301350479			ow	P	
UTE TRIBAL 8-10D-54	10			4301350488			OW	P	
UTE TRIBAL 7-34-55	34	050S		4301350510			ow	P	
FEDERAL 4-4D-65	4	060S		4301350521			ow	P	
FEDERAL 6-3D-64	3	060S	040W	4301350522	18073	Federal	OW	P	
FEDERAL 1-1D-64	1	060S	040W	4301350524	18088	Federal	ow	P	
FEDERAL 7-2D-65	2	060S	050W	4301350525	18100	Federal	OW	P	
BERRY TRIBAL 12-34D-54	34	050S	040W	4301350527	17998	Indian	ow	P	
FEDERAL 15-5D-65	5	060S	050W	4301350553	18537	Federal	OW	P	
FEDERAL 11-4D-64	4	060S	040W	4301350565	18043	Federal	OW	P	
FEDERAL 6-6D-65	6	060S	050W	4301350566	18521	Federal	ow	P	
LC TRIBAL 3-15D-56	15			4301350598			OW	P	
LC TRIBAL 8-16D-56	16			4301350599			OW	P	
LC FEE 16-16D-56	16			4301350601			OW	P	
LC TRIBAL 10-16D-56	16			4301350602			OW	P	
LC TRIBAL 15-22D-56	22			4301350606			OW	P	1
LC TRIBAL 5-23D-56	23	050S		4301350625			OW	P	
LC TRIBAL 5-14D-56	14	050S		4301350661			OW	P	1
SFW FEE 14-10D-54	10	050S		4301350686			OW	P	
LC FEE 1-22D-56	22			4301350718			OW	P	
FEDERAL 8-2D-65	2	060S		4301350718			OW	P	
FEDERAL 1-2D-64	2	79 15 100		4301350719			OW OW	P	
FEDERAL 7-2D-64	2	060S		4301350734					
FEDERAL 10-6D-64	6						OW	P	
FEDERAL 4-3D-64				4301350735			OW	P	
	3			4301350736			OW	P	
FEDERAL 12-3D-64	3			4301350737			OW	P	
LC TRIBAL 5-21D-56	21			4301350751			OW	P	
LC TRIBAL 5-21D-56	21			4301350752			OW	P	
FEDERAL 2-1D-65	1			4301350759			OW	P	
FEDERAL 3-1D-65	1	060S	J050W	4301350760	18173	Federal	OW	P	

F	,							1	
FEDERAL 5-1D-65	1	060S	+	_		Federal	OW	P	
FEDERAL 9-2D-65	2	060S	050V	4301350762	18245	Federal	ow	P	
FEDERAL 11-2D-65	2	060S	050V	4301350763	18589	Federal	OW	P	8 2
FEDERAL 15-2D-65	2	060S	050V	4301350764	18590	Federal	ow	P	
LC TRIBAL 14-14D-56	14			4301350776			ow	P	
LC FEE 2-20D-56	20		, 	4301350777	18622		OW	P	
LC TRIBAL 12-22D-56	22			4301350780			OW	P	
FEDERAL 3-4D-65	4		+	4301350782			OW	P	
FEDERAL 6-4D-65	4		+	4301350782	+		ow	P	
FEDERAL 12-4D-65	4			V 4301350784			OW	P	
	-						+		
LC TRIBAL 14-15D-56		050S		4301350834			OW	P	
UTE TRIBAL 7I-21D-54	21	050S		V 4301350852			OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 8L-21D-54	21	050S			18423		OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 10S-21D-54	21		·				ow	P	BERRY PILOT EOR 246-02
UTE TRIBAL 11-11-54	11	050S	040V	V 4301350861	18775	Indian	OW	P	
LC TRIBAL 2-28D-56	28	050S	060V	V 4301350866	18592	Indian	OW	P	
LC FEE 8-28D-56	28	050S	060V	V 4301350867	18342	Fee	ow	P	
LC TRIBAL 6-27D-56	27	050S	060V	4301350868	18480	Indian	OW	P	
LC FEE 15-23D-56	23			V 4301350870			OW	P	
LC TRIBAL 15-26-56	26	-	-	V 4301350871	18377		OW	P	
UTE TRIBAL 16-11-55	11	-	-		18707		OW OW	p	
LC TRIBAL 2-5D-56	5	•			18568		OW	P	
	_	+	~+		-			-	
LC TRIBAL 2-9D-56	9			V 4301350926			OW	P	ļ
LC FEE 8-29-45	29			V 4301350928			OW	P	
LC FEE 13-29-45	29			V 4301350929			OW	P	
LC FEE 9-12D-57	12			V 4301350963	+	+	OW	P	
LC FEE 1-22-57	22	050S	070V	V 4301350965	18558	Fee	OW	P	
LC TRIBAL 11-3D-56	3	050S	060V	V 4301350966	18464	Indian	OW	P	
LC TRIBAL 3-34-45	34	040S	050V	V 4301350976	18661	Indian	ow	P	
LC TRIBAL 9-10D-56	10	050S	060V	V 4301350987	18944	Indian	ow	P	
LC TRIBAL 10-9D-56	9			V 4301350990	18864		OW	P	
LC FEE 10-31D-45	31		+	V 4301350994	-		OW	P	
VIEIRA TRIBAL 4-4-54	4			V 4301350997			OW	P	
LC TRIBAL 10-21-56	21		+	V 4301350999			OW	P	<u> </u>
FEDERAL 1-5D-64	5						+	ļ	1117 2 217 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
FEDERAL 2-5D-64	5			V 4301351012			OW	P	
				V 4301351013			OW	P	
FEDERAL 7-5D-64	5			V 4301351014			OW	P	
FEDERAL 8-5D-64	5			V 4301351015	+		OW	P	
MYRIN TRIBAL 15-10-55	10			V 4301351024			OW	P	
LC TRIBAL 15-15D-56	15						OW	P	
LC TRIBAL 9-15D-56	15	050S	060V	V 4301351031	18441	Indian	OW	P	
LC TRIBAL 6-28-45	28	040S	050V	V 4301351034	18700	Indian	OW	P	
FEDERAL 1-12D-65	12	060S	050V	V 4301351055	18739	Federal	ow	P	
FEDERAL 8-12D-65	12			V 4301351056			OW	P	
FEDERAL 2-12D-65	12			V 4301351057			OW	P	
LC TRIBAL 15-8D-56	8			V 4301351060			OW	P	
LC TRIBAL 8-22D-56	22			V 4301351069			ow	P	
LC TRIBAL 9-17D-56	17								
LC TRIBAL 7-27-45				V 4301351070			OW	P	
	27		+	V 4301351073	775,864,811	·	OW	P	
LC TRIBAL 11-24-45	24			V 4301351076			OW	P	
FEDERAL 3-12D-65	12			V 4301351093			OW	P	
FEDERAL 4-12D-65	12			V 4301351094			OW	P	
FEDERAL 5-12D-65	12	060S	050V	V 4301351095	18702	Federal	OW	P	
FEDERAL 6-12D-65	12	060S	050V	V 4301351096	18703	Federal	ow	P	
LC TRIBAL 9-8D-56	8			V 4301351112			ow	P	
UTE TRIBAL 4-9-54	9			V 4301351126			OW	P	71
UTE TRIBAL 6-9-54	9			V 4301351127			OW	P	
UTE TRIBAL 2-9-54	9			V 4301351127 V 4301351128			OW	P	
UTE TRIBAL 1-10-54	10			V 4301351128 V 4301351129					
LC TRIBAL 8-30D-56							OW	P	-
	30			V 4301351131			OW	P	
LC TRIBAL 16-30D-56	30			V 4301351132			OW	P	
FEDERAL 1-1D-65	1			V 4301351142			OW	<u>P</u>	<u> </u>
UTE TRIBAL 8-9-54	9		-	V 4301351143			OW	P	1
FEDERAL 15-1D-65	1	060S	050V	V 4301351175	18654	Federal	OW	P	
FEDERAL 16-1D-65	1			V 4301351176			OW	P	
LC TRIBAL 11-29D-56	29			V 4301351183			OW	P	
			1	,	12010		U 11	<u> </u>	

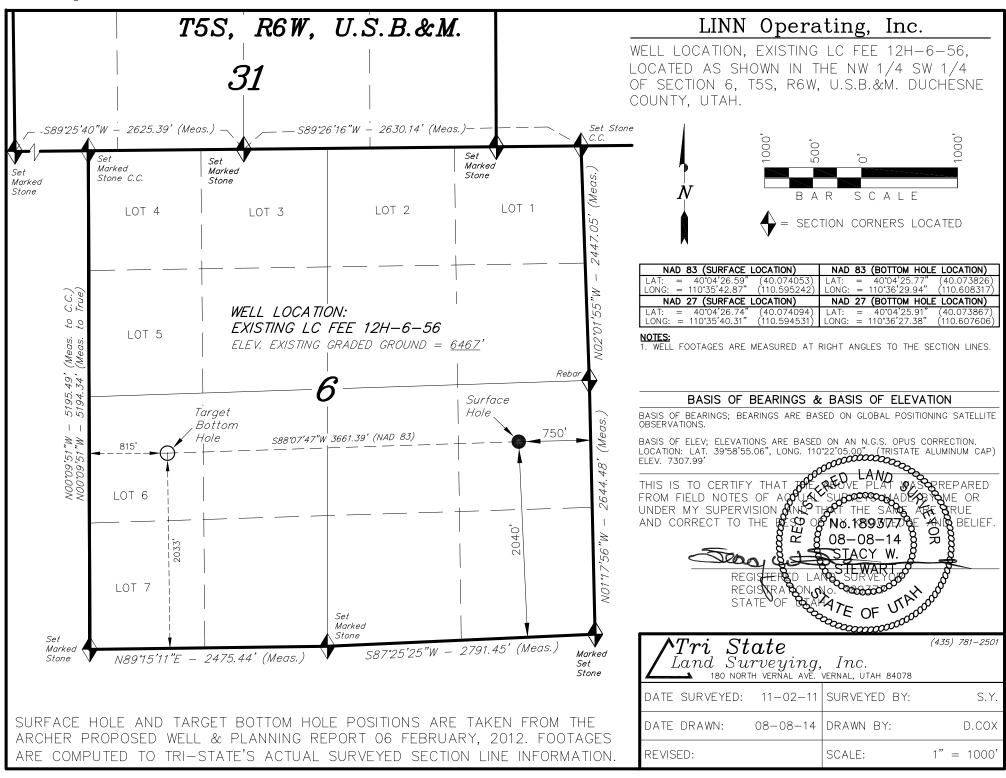
	-								
STATE TRIBAL 8-12-55	12			V 4301351188			OW	P	
LC TRIBAL 11-20D-56	20			V 4301351189		·	OW	P	
LC FEE 5-20D-56	20			V 4301351 <u>19</u> 0			OW	P	
LC FEE 9-19-56	19	050S	0601	V 4301351192	18596	Fee	OW	P	
LC TRIBAL 9-9D-56	9	050S	0601	V 4301351198	18595	Indian	OW	P	
FEDERAL 16-6-64	6	060S	0401	V 4301351217	18792	Federal	OW	P	
FEDERAL 9-6D-64	6	060S	0401	V 4301351218	18791	Federal	OW	P	
UTE TRIBAL 5-17-55	17	050S	0501	V 4301351220	18841	Indian	ow	P	
UTE TRIBAL 16-3-54	3	050S	0401	V 4301351226	18664	Indian	ow	P	
STATE TRIBAL 15-6-54	6			V 4301351227	-	+	ow	P	
STATE TRIBAL 8-7-54	7			V 4301351228			OW	P	
STATE TRIBAL 12-1-55	1		_	V 4301351229			OW	P	
STATE TRIBAL 11-2-55	2			V 4301351230			OW	P	1
FEDERAL 1-11-65	11			V 4301351231			OW	P	
FEDERAL 8-11D-65	11	-		V 4301351232			OW	P	
FEDERAL 2-11D-65	11			V 4301351233			OW	P	
STATE TRIBAL 12-3-55	3			V 4301351236			OW	P	
UTE TRIBAL 11-4-55	4			V 4301351230 V 4301351237			OW	P	
UTE TRIBAL 4-9-55	9			V 4301351237 V 4301351238			OW	P	
UTE TRIBAL 15-5-55	5			V 4301351236 V 4301351239				P	
UTE FEE 9-9-54	9						OW	P	781000
	29			V 4301351259			OW	P	1412
LC TRIBAL 4-29-45				V 4301351260			OW	↓ ^	
UTE FEE 14-9D-54	9			V 4301351271			OW	P	
UTE FEE 15-9D-54	9			V 4301351272			OW	P	
LC FEE 10-28D-56	28			V 4301351288			OW	P	
UTE TRIBAL 8-16D-54	16			V 4301351295			OW	P	
FEE TRIBAL 4-5-54	5			V 4301351303			OW	P	- //-
LC TRIBAL 1-26-56	26			V 4301351306	_		OW	P	
UTE TRIBAL 6-16D-54	16	050S	0401	V 4301351307	19060	Indian	OW	P	
LC TRIBAL 7-22D-56	22			V 4301351308			OW	P	
LC TRIBAL 9-22D-56	22	050S	060	V 4301351309	18794	Indian	OW	P	_
LC TRIBAL 9-32D-56	32	050S	_060V	V 4301351316	19228	Indian	OW	P	
LC TRIBAL 7-26D-56	26	050S	060	V 4301351319	18817	Indian	ow	P	
LC FEE 8-6D-56	6	050S	0601	V 4301351342	18657	Fee	OW	P	
LC FEE 10-29D-45	29	040S	050	V 4301351343	18850	Fee	ow	P	
LC TRIBAL 1-7D-56	7	050S	0601	V 4301351344	18774	Indian	ow	P	
LC TRIBAL 9-7D-56	7			V 4301351346	-		OW	P	
LC TRIBAL 11-10D-56	10			V 4301351369			OW	P	
LC FEE 1-31D-45	31		_	V 4301351371			OW	P	
LC TRIBAL 14-21D-56	21			V 4301351384			OW	P	
LC TRIBAL 4-22D-56	22			V 4301351385			OW	P	
LC TRIBAL 8-21D-56	21			V 4301351392	***		OW	P	
UTE TRIBAL 1-17-55	17			V 4301351393			OW OW	P	-
LC TRIBAL 4-33D-45	33			V 4301351401			OW	P	
LC TRIBAL 16-21D-56	21			V 4301351407			OW	P	
UTE TRIBAL 2-10D-54	10			V 4301351407 V 4301351411			OW	P	
UTE TRIBAL 4-10D-54	10			V 4301351411 V 4301351414				P	
LC TRIBAL 2-21D-56	16			V 4301351414 V 4301351418			OW	ļ	
LC TRIBAL 1-23D-45	+						OW	P	
LC TRIBAL 2-28D-45	23			V 4301351425			OW	P	
LC TRIBAL 2-28D-45	28			V 4301351429			OW	P	
	28			V 4301351430			OW	P	
LC TRIBAL 1-29-56	29			V 4301351442			OW	P	-
LC FEE 1-1-56	1			V 4301351458			OW	P	
LC Tribal 12-32-45	32			V 4301351465			OW	P	
UTE TRIBAL 2-5-54	5			V 4301351520			OW	P	
LC Tribal 3-32D-45	32			V 4301351561			OW	P	
LC TRIBAL 5-15D-56	15			V 4301351562			OW	P	
LC FEE 16-36-56	36			V 4301351611			OW	P	
LC TRIBAL 15-34-56	34			V 4301351647			OW	P	
LC TRIBAL 1-34D-56	34			V 4301351660			OW	P	
LC FEE 13-23-56	23			V 4301351706			OW	P	
LC FEE 11-23D-56	23			V 4301351707			OW	P	
LC TRIBAL 3-33-56	33	050S	0601	V 4301351711	19242	Indian	OW	P	
LC FEE 11-29D-45	29			V 4301351743			OW	P	
LC FEE 4-28D-45	29			V 4301351745			OW	P	
CC Fee 7R-28-38	28			V 4301351852			ow ow	P	
· · · · · · · · · · · · · · · · · · ·		2200	, 550		10000	1.00	<u> </u>	1.	

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FEDERAL 6-7-64	7	060S		4301351915			OW	P	
FEDERAL 3-7D-64	7	060S		4301351916			OW	P	
FEDERAL 4-7D-64	7	060S	040W	4301351917	19110	Federal	OW	P	
FEDERAL 5-7D-64	7	060S	040W	4301351918	19111	Federal	OW	P	
FEDERAL 2-7-64	7	060S	040W	4301351919	19139	Federal	OW	P	
FEDERAL 1-7D-64	7	060S	040W	4301351920	19140	Federal	OW	P	
FEDERAL 12-7D-64	7	060S		4301351924		Federal	OW	P	
FEDERAL 11-7D-64	7	060S			19039		OW	P	
FEDERAL 13-7D-64	7	060S		4301351926		Federal	OW	P	
FEDERAL 14-7D-64	7	060S		4301351927			ow	P	
FEDERAL 7-7D-64	7	060S		4301351927	19141		OW	P	
FEDERAL 8-7D-64	7	060S	040W		19141		OW	P	
	7							P	
FEDERAL 9-7D-64		060S		4301351935		Federal	OW		
FEDERAL 10-7D-64	7	060S		4301351936		Federal	OW	P	
ABBOTT FEE 2-6D-54	6	050S		4301351949			OW	P	
ABBOTT FEE 8-6D-54	6	050S		4301351950			OW	P	
ABBOTT FEE 4-6-54	6	050S		4301351952			OW	P	
Federal 15-12D-65	12	060S		4301351992			OW	P	
Federal 10-12D-65	12	060S		4301351999			OW	P	
Federal 9-12D-65	12	060S	050W	4301352000	19053	Federal	OW	P	!
Federal 16-12D-65	12	060S	050W	4301352003	19054	Federal	OW	P	
Federal 1-6D-65	6	060S	050W	4301352012	19189	Federal	ow	P	
Federal 3-6D-65	6			4301352014			ow	P	
Federal 2-6-65	6	060S			19191		OW	P	
Federal 7-6D-65	6	060S		4301352018			OW	P	
Federal 16-11D-65	11	060S		4301352015			OW	P	
Federal 15-11D-65	11	060S		4301352046			OW	P	
							OW	P	
Federal 10-11D-65	11	0608				Federal			
Federal 9-11D-65	11	0608		4301352048			OW	P	
Federal 11-12D-65	12	060S		4301352049		Federal	OW	P	
Federal 12-12D-65	12	060S		4301352050			OW	P	
Federal 13-12D-65	12	060S		4301352052		Federal	OW	P	
Federal 14-12D-65	12	060S		4301352053		Federal	OW	P	
LC Tribal 12-28D-45	28	040S		4301352089	19378		OW	P	
LC Tribal 2-32D-45	32	040S	050W	4301352113	19348	Indian	OW	P	
LC Tribal 16-29D-45	32	040S	050W	4301352114	19349	Indian	OW	P	
Vieira Tribal 3-4D-54	4	050S	040W	4301352145	19210	Indian	OW	P	
Vieira Tribal 5-4D-54	4	0508	040W	4301352146	19193	Indian	ow	P	
Vieira Tribal 6-4D-54	4	050S	040W	4301352147	19216	Indian	ow	P	
Lamplugh Tribal 6-3D-54	3	050S	040W	4301352148	19289	Indian	OW	P	
Lamplugh Tribal 5-3D-54	3	0508		4301352149			GW	P	[
Lamplugh Tribal 4-3D-54	3			4301352150			OW	P	
Lamplugh Tribal 3-3D-54	3	0508		4301352151		+	OW OW	P	
UTE Tribal 6-35D-54	35			4301352158			GW	P	
UTE Tribal 4-35D-54	35			4301352158			GW	P	
Heiner Tribal 3-11D-54								P	
	11			4301352165			OW	 	
Heiner Tribal 4-11-54	11			4301352166			OW	P	<u>-</u>
Heiner Tribal 5-11D-54	11			4301352167			OW	P	
Conolly Tribal 1-11D-54	11			4301352168			OW	P	
Conolly Tribal 2-11D-54	11			4301352169			OW	P	·
Conolly Tribal 7-11D-54	11			4301352170			OW	P	
Conolly Tribal 8-11D-54	11	050S	040W	4301352171	19281	Indian	OW	P	
Casper Tribal 1-5D-54	5	050S	040W	4301352180	19198	Indian	OW	P	<u> </u>
Fee Tribal 6-5D-54	5	050S	040W	4301352181	19199	Indian	OW	P	
Fee Tribal 5-5D-54	5			4301352182			OW	P	
Fee Tribal 3-5D-54	5			4301352184			OW	P	
Casper Tribal 7-5D-54	5			4301352185			OW	P	
UTE Tribal 10-35D-54	35			4301352198			ow	P	
UTE Tribal 14-35D-54	35			4301352199			GW	P	<u> </u>
UTE Tribal 12-35D-54	35	050S		4301352200			ow ow	P	
UTE Tribal 16-35D-54	35			4301352230			OW OW	P	
Evans Tribal 1-3-54	3			4301352234			OW	P	
Evans Tribal 2-3D-54	3			4301352234					
			- +	+			OW	P	
Evans Tribal 7-3D-54	3			4301352236			OW	P	
Evans Tribal 8-3D-54	3	0508		4301352237			OW	P	
Ute Tribal 9-3D-54	3	<u> </u>	_040W	4301352249	19236	Indian	OW	<u>P</u>	<u> </u>

Ute Tribal 15-3D-54	3	050S	040W 43	301352250	19237	Indian	OW	P	
Ute Tribal 10-3-54	3	050S	040W 43	301352251	19238	Indian	OW	P	
Ute Tribal 14-3D-54	3	050S	040W 43	301352298	19258	Indian	OW	P	
Ute Tribal 12-3D-54	3	050S	040W 43	301352299	19259	Indian	ow	P	
Ute Tribal 11-3D-54	3			301352300	19260	Indian	ow	P	
Ute Tribal 16-4D-54	4			301352302	19350	Indian	OW	P	
Ute Tribal 15-4D-54	4		+	301352303	19293		OW	P	- +-
Ute Tribal 9-4D-54	4				19304		ow	P	
Ute Tribal 10-4D-54	4			301352307	19294		ow	P	-
UTE Tribal 2-35D-54	35				19322		OW	P	
UTE Tribal 8-35D-54	35			301352320			ow	P	
Abbott Fee 5-6D-54	6			301352326			OW	P	
Ute Tribal 6-11D-54								+	
	11			301352330			OW	P	
Ute Tribal 12-11D-54	11		-	301352331			OW	P	-
Ute Tribal 14-11D-54	11			301352332	+		OW	P	
Ute Tribal 11-4D-54	4		+	301352343	19305		OW	P	
Ute Tribal 12-4D-54	4			301352344	19352		OW	P	
Ute Tribal 13-4D-54	4	050S	040W 43	301352345	19353	Indian	OW	P	
Ute Tribal 14-4D-54	4	050S	040W 43	301352346	19306	Indian	OW	P	
Ute Tribal 16-5D-54	5	050S	040W 43	301352545	99999	Indian	OW	P	
Ute Tribal 15-5D-54	5	050S	040W 43	301352546	99999	Indian	OW	P	
Ute Tribal 10-5D-54	5	050S	040W 43	301352547	99999	Indian	OW	P	
Ute Tribal 8-5D-54	5	050S		301352548			OW	P	
SCOFIELD-THORPE 26-31	26			300730987			D	PA	
SCOFIELD-THORPE 26-43	26			300730990			D	PA	
SCOFIELD CHRISTIANSEN 8-23	8	1208	+	300730999			D	PA	
CC FEE 7-28-38	28	0308		301350887	18288	· · · · · · · · · · · · · · · · · · ·	D	PA	
CC FEE 8-9-37	9		1				-		
ST LOST CREEK 32-44	32			301350896			D	PA	-
		1108			14450		D	PA	
SCOFIELD THORPE 25-41X RIG SKID	22	120S			13719	· · · · · · · · · · · · · · · · · · ·	GW	S	
SCOFIELD-THORPE 35-13	35	120S			14846		GW	S	
SCOFIELD-THORPE 23-31	23	120S		300731001	14923		GW	S	
NUTTERS RIDGE FED 5-1	5	060S		301330403		Federal	OW	S	
WIRE FENCE CYN FED 15-1	15	060S		301330404		Federal	GW	S	
R FORK ANTELOPE CYN FED 25-1	25	060S		301330406	8234	Federal	OW	S	
WOLF HOLLOW 22-1	22	060S	050W 43	301330425	10370	Federal	GW	S	
ANTELOPE RIDGE 24-1	24	060S	050W 43	301330426	10371	Federal	OW	S	
B C UTE TRIBAL 8-21	21	050S	040W 43	301330829	8414	Indian	OW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 10-21	21	050S	040W 43	301331283	11133	Indian	GW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 12-22	22	050S	040W 43	301331311	11421	Indian	OW	S	-
UTE TRIBAL 15-17	17	050S		301331649			OW	S	
UTE TRIBAL 7-30	30			301332167			OW	S	
UTE TRIBAL 8-35-55	35			301332267			OW	S	<u> </u>
UTE TRIBAL 10-16-55	16			301332345			OW	S	
FOY TRIBAL 11-34-55	34			301332343			ow	S	
UTE TRIBAL 13-30-54	30			301332331			*		
UTE TRIBAL 3-33-54	33			301332409			OW	S	
UTE TRIBAL 1-20-55							OW	S	
	20			301332414			OW	S	
UTE TRIBAL 11-30-54	30			301332512			OW	S	
UTE TRIBAL 2-24-54	24			301332569			OW	S	***************************************
UTE TRIBAL 10-14-55	14			301332601			OW	S	
MOON TRIBAL 3-27-54	27			301332613			OW	S	
UTE TRIBAL 7-21-54	21			301332623			OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 16-24-55	24	050S	050W 43	301332672	14384	Indian	GW	S	
UTE TRIBAL 7-35-54	35	050S	040W 43	301332774	15019	Indian	OW	S	
UTE TRIBAL 16-25-54	25	050S	040W 43	301332779	15078	Indian	OW	S	
MOON TRIBAL 13-27-54	27				15057		OW	S	
UTE TRIBAL 15-15-55	15			301332855	-		OW	S	1
	1.0			301332930	15301		OW OW	S	
UTE TRIBAL 5-36-55		050S	UJU II IT.		1		- · · ·		
UTE TRIBAL 5-36-55 UTE TRIBAL 8-24-54	36				15402	Indian	OW	S	
	36 24	050S	040W 43	301332933			OW OW	S	
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55	36 24 15	050S 050S	040W 43 050W 43	301332933 301332981	15348	Indian	OW	S	DEDDY BILOT FOR 244 or
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54	36 24 15 21	050S 050S 050S	040W 43 050W 43 040W 43	301332933 301332981 301333040	15348 15360	Indian Indian	OW OW	S	
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54	36 24 15 21 21	050S 050S 050S 050S	040W 43 050W 43 040W 43	301332933 301332981 301333040 301333114	15348 15360 15441	Indian Indian Indian	OW OW	S S S	
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54 UTE TRIBAL 10-16-54	36 24 15 21 21 16	050S 050S 050S 050S 050S	040W 43 050W 43 040W 43 040W 43	301332933 301332981 301333040 301333114 301333129	15348 15360 15441 15454	Indian Indian Indian Indian	OW OW OW	S S S	BERRY PILOT EOR 246-02 BERRY PILOT EOR 246-02
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54	36 24 15 21 21	050S 050S 050S 050S 050S 050S	040W 43 050W 43 040W 43 040W 43 040W 43	301332933 301332981 301333040 301333114	15348 15360 15441 15454 15601	Indian Indian Indian Indian Fee	OW OW	S S S	

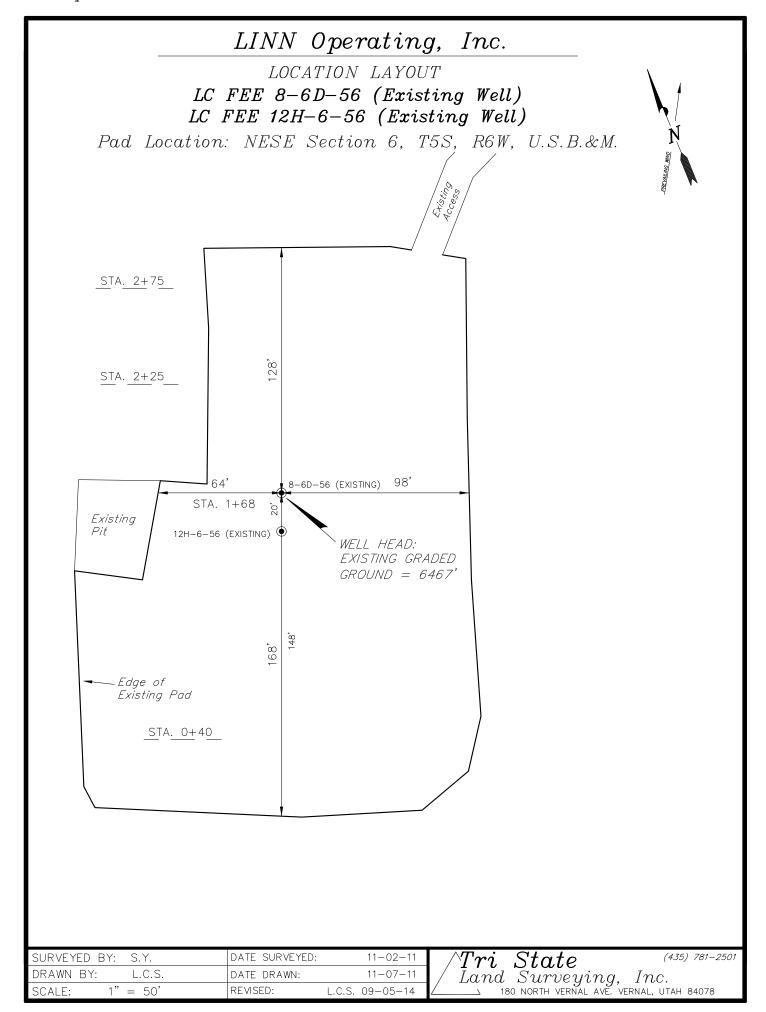
UTE TRIBAL 9-5-54	5	050S	040W	4301351111	18909	Indian	OW	S	
ABBOTT FEE 6-6-54		050S	040W	4301351948	18963	Fee	OW	S	

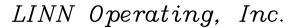
	STATE OF UTAH		FORM 9
1	DEPARTMENT OF NATURAL RESOUP DIVISION OF OIL, GAS, AND M		5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
	oposals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: LC FEE 12H-6-56
2. NAME OF OPERATOR: LINN OPERATING, INC.			9. API NUMBER: 43013336060000
3. ADDRESS OF OPERATOR: Rt. 2 Box 7735 , Roosevelt	, UT, 84066 435 722	PHONE NUMBER: 2-1325 Ext	9. FIELD and POOL or WILDCAT: LAKE CANYON
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2022 FSL 0750 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 06 Township: 05.0S Range: 06.0W Me	ridian: U	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDIC.	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Z	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	✓ CHANGE WELL NAME
12/12/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show	w all pertinent details including dates.	<u> </u>
Linn Operating, I 12H-6-56 to the LC	nc. requests to change the FEE 12H-6-56. With the ne minerals of this well are F plat package.	name of the LC Tribal ame change, it has been	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 12, 2014
NAME (PLEASE PRINT) Krista Wilson	PHONE NUN 435 722-1325	IBER TITLE Regulatory Permitting Tech	n
SIGNATURE		DATE	
N/A		12/12/2014	



RECEIVED: Dec. 12, 2014

Sundry Number: 58848 API Well Number: 43013336060000 LINN Operating, Inc. WELL PAD INTERFERENCE PLAT LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M. Line Existing Bore Access TOP HOLE FOOTAGES 12-6-56 (EXISTING) 2040' FSL & 750' FEL BOTTOM HOLE FOOTAGES 12-6-56 (EXISTING) 2033' FSL & 815' FWL Existing Pit Ex. 8-6D-56 (EXISTING) ● 12H-6-56 (EXISTING) S88°07'47"W - 3661.39' (To Bottom of Hole) SURFACE HOLE AND TARGET BOTTOM HOLE POSITIONS ARE TAKEN FROM THE ARCHER PROPOSED WELL & PLANNING Note: REPORT 06 FEBRUARY, 2012. FOOTAGES Bearings are based on GPS Observations. ARE COMPUTED TO TRI-STATE'S ACTUAL SURVEYED SECTION LINE INFORMATION. LATITUDE & LONGITUDE Surface position of Wells (NAD 27) WELL LATITUDE LONGITUDE Ex. 8-6D-56 40.074147° 110.594503° Ex. 12H-6-56 40.074094° 110.594531° Tri State Land Surveying, Inc. DATE SURVEYED: 10-04-11 SURVEYED BY: S.H. DRAWN BY: L.C.S. DATE DRAWN: 10-25-11 1" = 60' REVISED: L.C.S. 09-05-14 SCALE: 180 NORTH VERNAL AVE. VERNAL, UTAH 84078





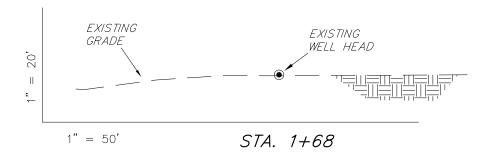
CROSS SECTIONS

LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.









SURVEYED BY:	S.Y.	DATE SURVEYED:	11-02-11
DRAWN BY:	L.C.S.	DATE DRAWN:	11-07-11
SCALE: 1"	= 50'	REVISED:	L.C.S. 09-05-14

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ightarrow & 180 & NORTH VERNAL AVE. VERNAL, UTAH 84078 \end{array}$

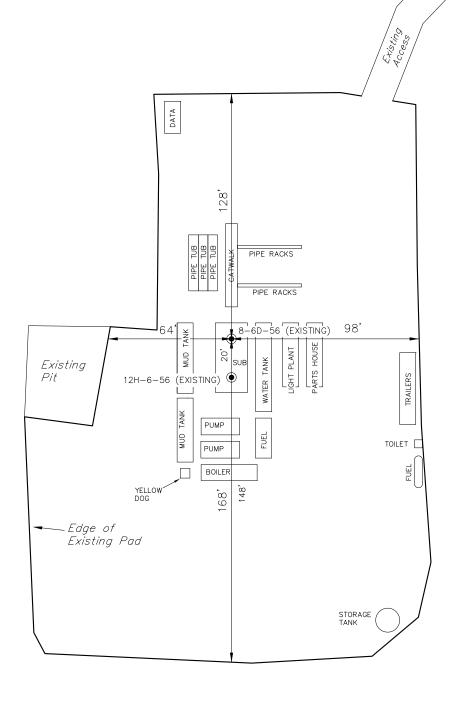
LINN Operating, Inc.

TYPICAL RIG LAYOUT

LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.





SURVEYED BY: S.Y.	DATE SURVEYED:	11-02-11
DRAWN BY: L.C.S.	DATE DRAWN:	11-07-11
SCALE: $1" = 50'$	REVISED:	L.C.S. 09-05-14

Sundry Number: 58848 API Well Number: 43013336060000 Access Road Map TELEPHONE STARVATION LAKE STATE BEACH Duchensne ± 8.2 mi. ± 5.6 mi. STRAWBERRY ROAD Strawberry LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) See Topo "B" Cotto Legend Existing Road LINN Operating, Inc. LC FEE 8-6D-56 (Existing Well) P: (435) 781-2501 F: (435) 781-2518 'ri State LC FEE 12H-6-56 (Existing Well) Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078 Sec. 6, T5S, R6W, U.S.B.&M. **Duchesne County, UT.** DRAWN BY: J.A.S. SHEET DATE: 09-15-14 TOPOGRAPHIC MAP 1:100,000

Sundry Number: 58848 API Well Number: 43013336060000 Access Road Map ± 182' Oil Well LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) Legend Existing Road THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS. LINN Operating, Inc. P: (435) 781-2501 F: (435) 781-2518 LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078 Sec. 6, T5S, R6W, U.S.B.&M. **Duchesne County, UT.** DRAWN BY: J.A.S SHEET TOPOGRAPHIC MAP DATE 09-15-14

Sundry Number: 58848 API Well Number: 43013336060000 **Proposed Pipeline Map** Chimney Existing Pipeline Oil Well LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) HOHOW Legend Existing Road THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS. LINN Operating, Inc. P: (435) 781-2501 F: (435) 781-2518 LC FEE 8-6D-56 (Existing Well) 'ri State LC FEE 12H-6-56 (Existing Well) Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078 Sec. 6, T5S, R6W, U.S.B.&M. **Duchesne County, UT.** DRAWN BY: J.A.S SHEET TOPOGRAPHIC MAP DATE: 09-15-14 C 1 " = 2,000

Sundry Number: 58848 API Well Number: 43013336060000 **Exhibit "B" Map** LC FEE 8-6D-56 (Existing Well) LC FEE 12H-6-56 (Existing Well) Chimney Oil Well Hollow **DNR Well Status** Approved Permit Spudded Drilling Location Abandoned New Location Plugged Abandoned Producing Gas Well Producing Oil Well Legend 1 Mile Radius **Proposed Location** THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS. LINN Operating, Inc. P: (435) 781-2501 F: (435) 781-2518 LC FEE 8-6D-56 (Existing Well) 'ri State LC FEE 12H-6-56 (Existing Well) Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078 Sec. 6, T5S, R6W, U.S.B.&M. **Duchesne County, UT.** DRAWN BY: J.A.S SHEET TOPOGRAPHIC MAP DATE 09-15-14 1 " = 2,000

Location Photos

Center Stake Looking Southerly

Date Photographed: 11/02/2011
Photographed By: S. Young





Date Photographed: 11/02/2011
Photographed By: S. Young





 DRAWN BY:
 J.A.S.
 REVISED:

 DATE:
 09-15-14

LINN Operating, Inc.

LC FEE 8-6D-56 (Proposed Well) LC TRIBAL 12H-6-56 (Existing Well) SEC. 6, T5S, R6W, U.S.B.&M. Duchesne County, UT.

COLOR PHOTOGRAPHS

SHEET



LINN Operating, Inc.

LC FEE 8-6D-56 (Existing Well)

LC FEE 12H-6-56 (Existing Well)

SECTION 6, T5S, R6W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.2 MILES TO THE JUNCTION OF THIS ROAD AND THE EXISTING STRAWBERRY ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY THENCE WESTERLY THENCE SOUTHERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE JUNCTION OF THIS ROAD AND LAKE CANYON ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHEASTERLY THENCE SOUTHWESTERLY DIRECTION APPROXIMATELY 5.9 MILES TO THE EXISTING ACCESS ROAD FOR THE LC FEE 8-6D-56 & 12H-6-56 TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHERLYEASTERLY DIRECTION APPROXIMATELY 182' TO THE EXISTING LOCATION FOR THE LC FEE 8-6D-56 & 12H-6-56.